

PROJECT

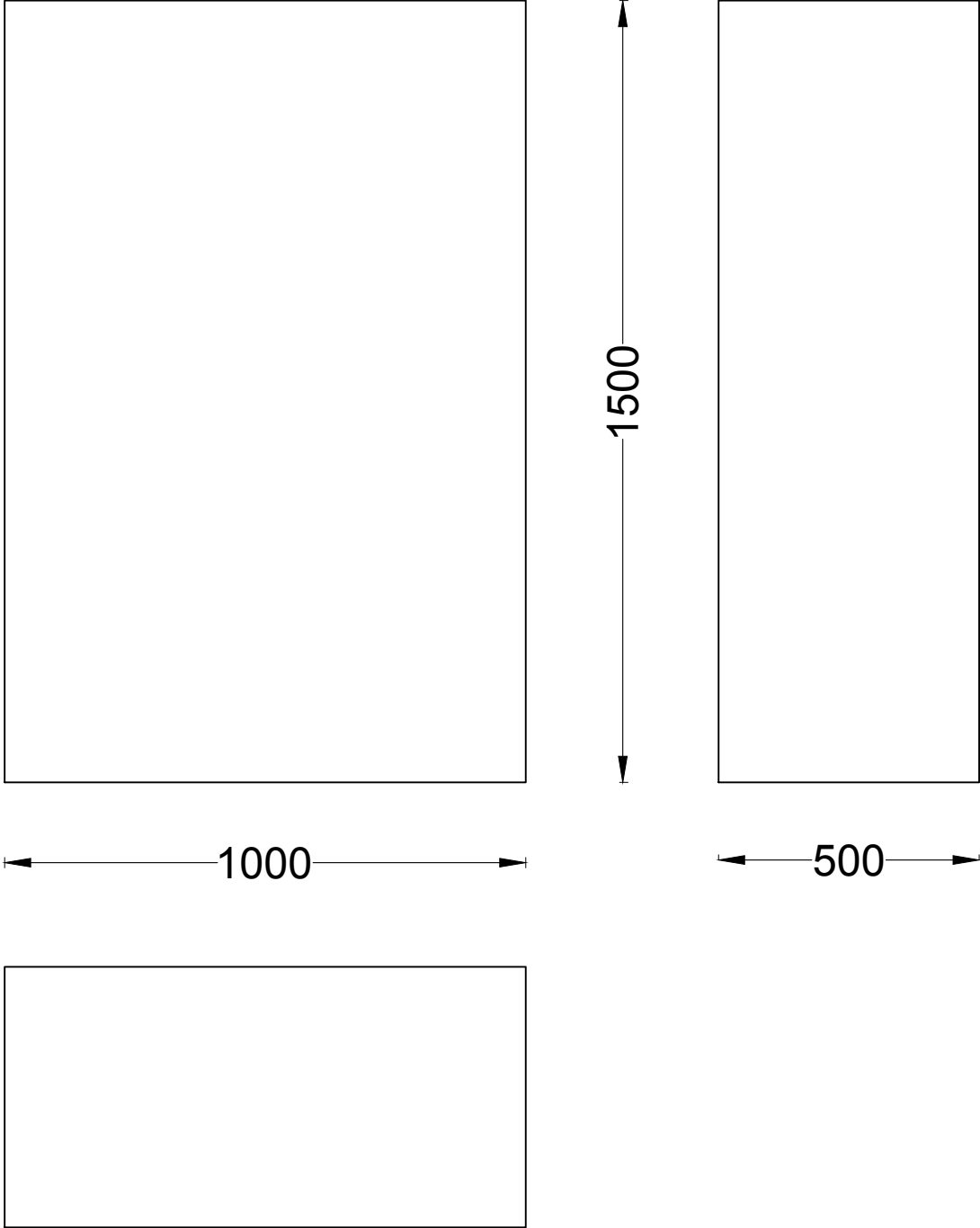
SEWERAGE TREATMENT PROJECT IN INNAMAADHOO, MALDIVES



DRAWING TITLE

WATER TREATMENT PLANT POWER PANEL SINGLE LINE POWER DIAGRAM

DESIGNED	WANNIGAMA	SCALE	NTS
DRAWN	ERANDA	DATE	25 / 04 / 2017
CHECKED	THILAKARATHNE	DRAWING NUMBER	BE/PP/E/001
			A3



Enclosure

- 1. H x W x D 1500 x 1000 x 500
- 2. 316 Stainless Steel / GRP
- 3. IP64 (Indoor)

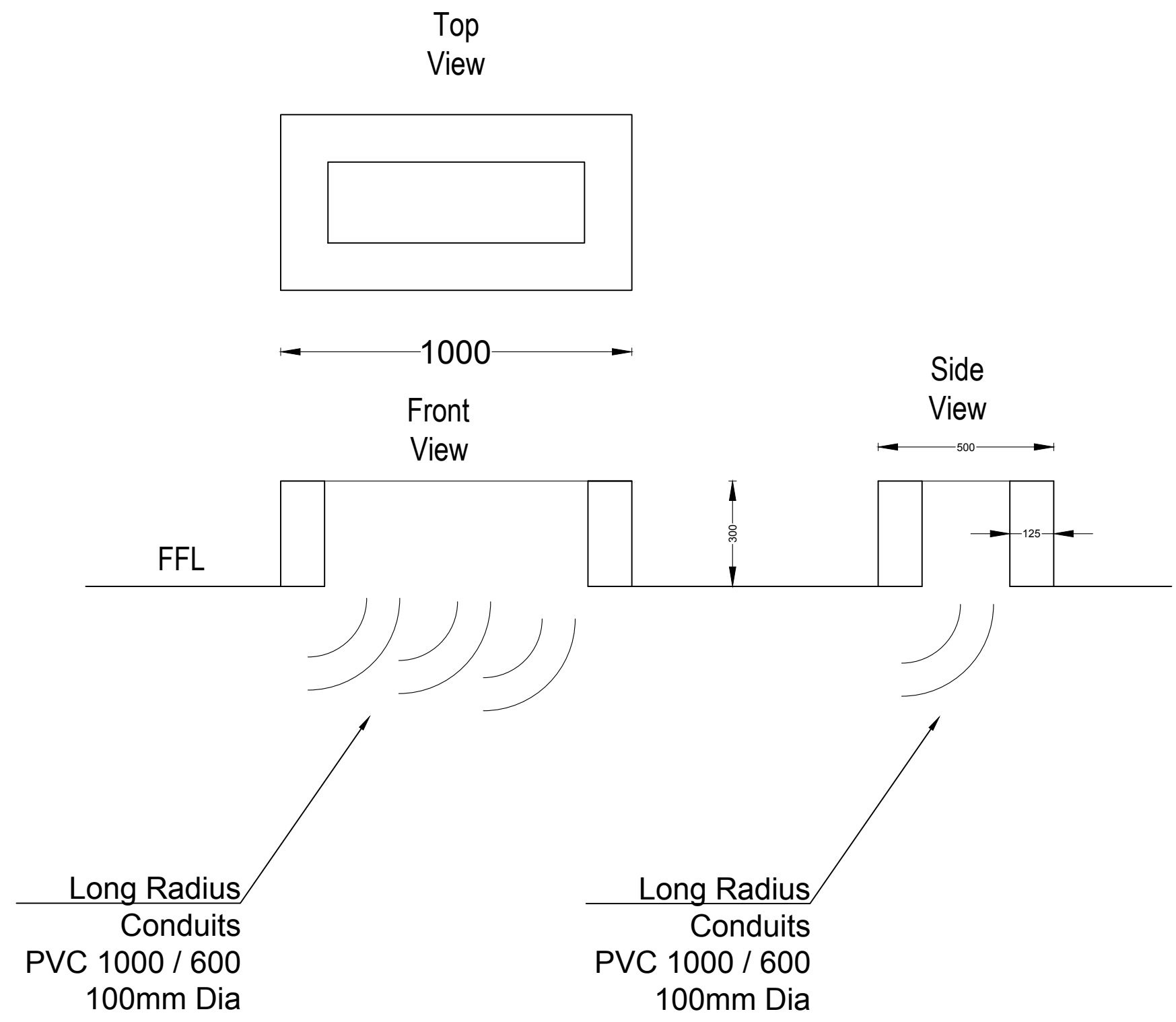
PROJECT

SEWERAGE TREATMENT PROJECT IN INNAMAADHOO, MALDIVES



DRAWING TITLE
WATER TREATMENT PLANT POWER PANEL SINGLE LINE POWER
DIAGRAM

DESIGNED	WANNIGAMA	SCALE	NTS	
DRAWN	ERANDA	DATE	25 / 04 / 2017	
CHECKED	THILAKARATHNE	DRAWING NUMBER	BE/PP/E/002	A3



PROJECT

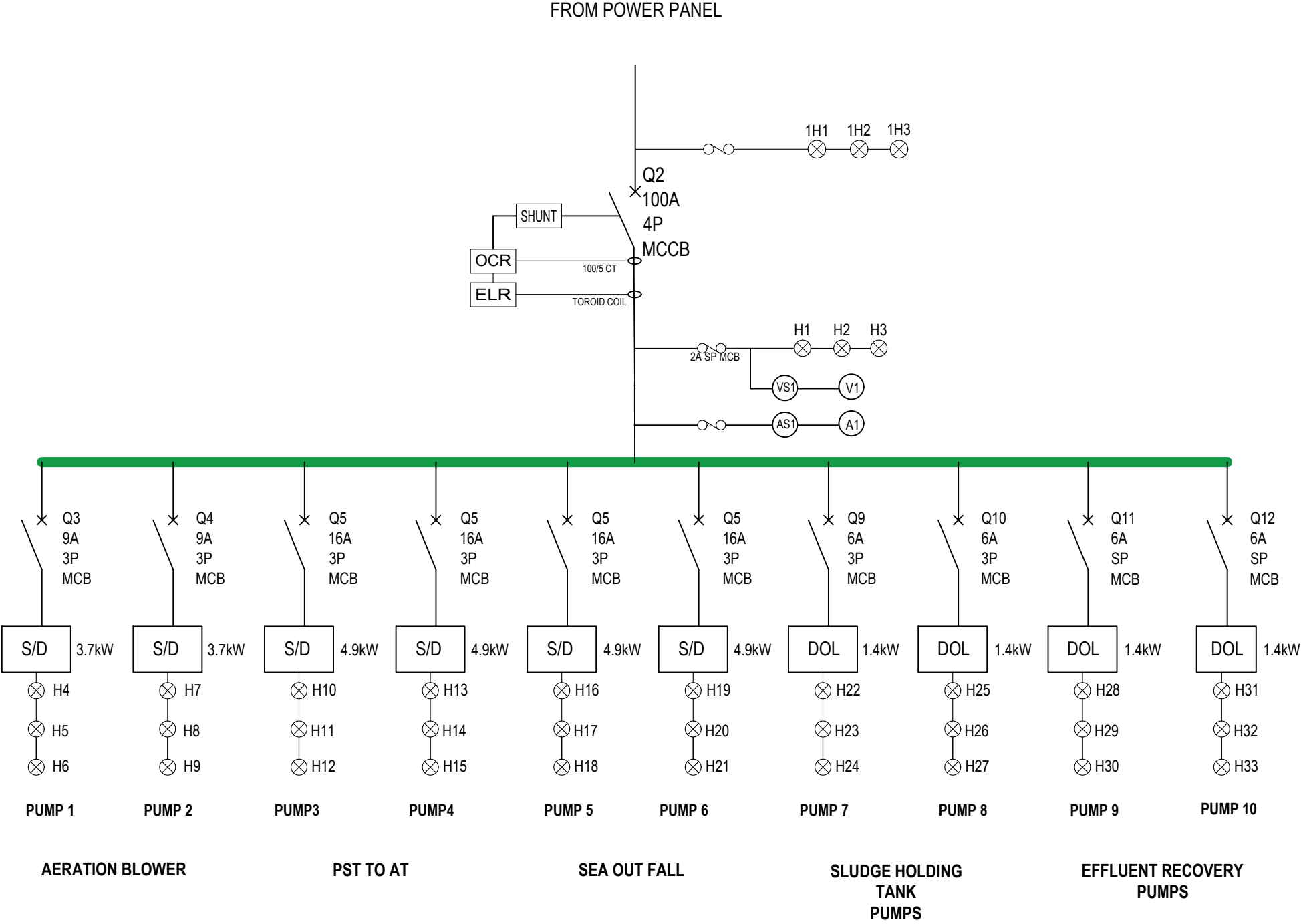
SEWERAGE TREATMENT PROJECT IN INNAMAADHOO, MALDIVES



DRAWING TITLE

WATER TREATMENT PLANT POWER PANEL PLINTH DETAIL

DESIGNED	WANNIGAMA	SCALE	NTS	
DRAWN	ERANDA	DATE	25 / 04 / 2017	
CHECKED	THILAKARATHNE	DRAWING NUMBER	BE/PP/E/003	A3



LEGEND	
CONTACTOR	K
OVERLOAD RELAY	O/L
SELECTOR SWITCH	S
24HR TIMET	T
ON DELAY TIMER	T1
GENERAL RELAY	R
MULTITRODE RELAY	MTR
OVER CURRENT RELAY	OCR
AMETER	A
VOLTMETER	V
AMETER SELECTOR SWITCH	AS
VOLTMETER SELECTOR SWITCH	VS
INDICATOR LAMP	H
PUSH BUTTON	P
SURGE ARRESTOR	SA
SOCKET OUTLET	S/O
CHANGE OVER SWITCH	C/O
AUTO TRANSFORMER	A/T
FLASH LIGHT	FL
TERMINAL STATIONS	TX

PROJECT

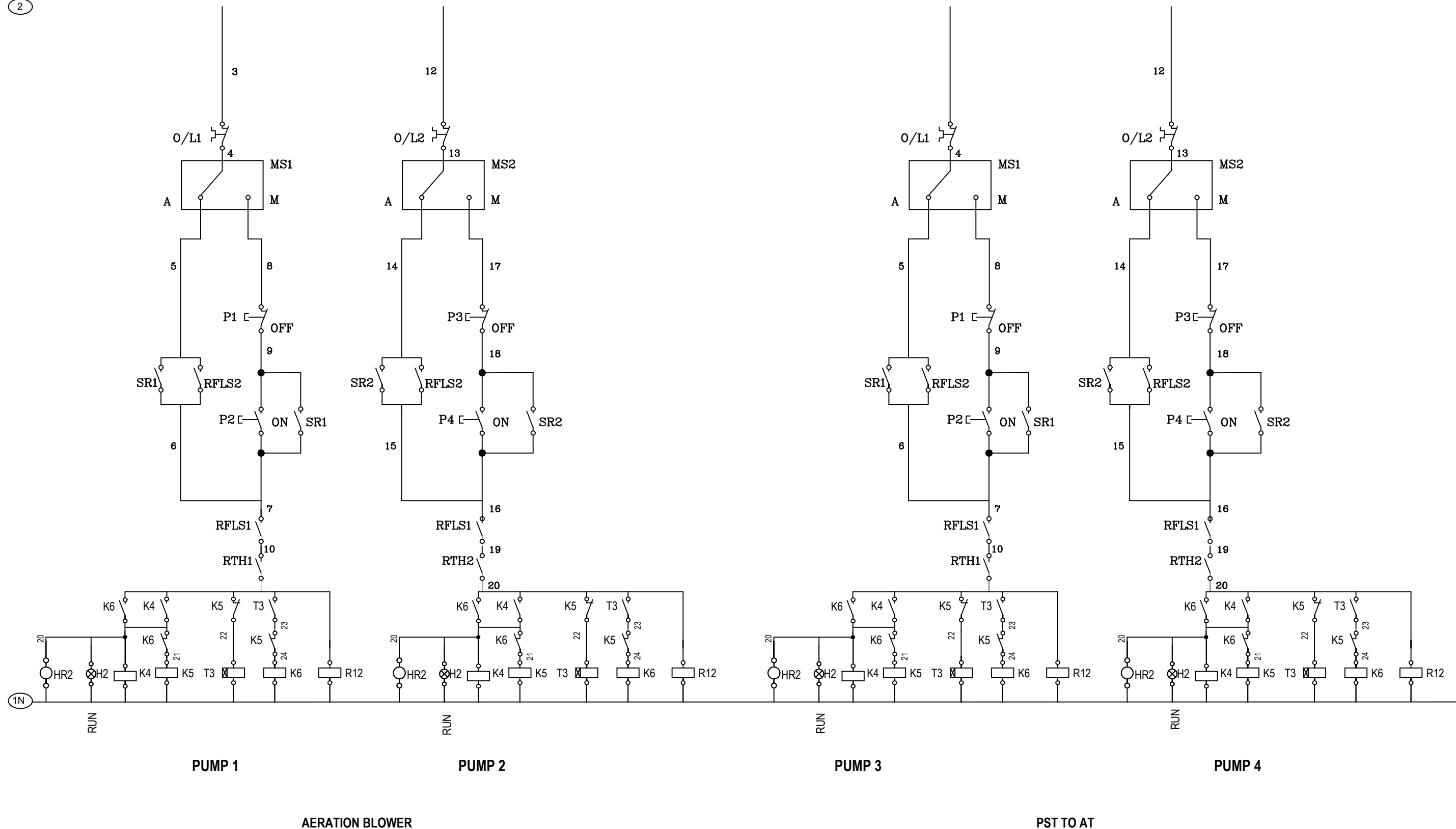
SEWERAGE TREATMENT PROJECT IN INNAMAADHOO, MALDIVES



DRAWING TITLE

SEWER TREATMENT PLANT CONTROL PANEL SINGLE LINE
POWER DIAGRAM

DESIGNED	WANNIGAMA	SCALE	NTS	
DRAWN	ERANDA	DATE	25 / 04 / 2017	
CHECKED	THILAKARATHNE	DRAWING NUMBER	BE/CP/E/001	A3



PROJECT

SEWERAGE TREATMENT PROJECT IN INNAMAADHOO, MALDIVES



DRAWING TITLE

**SEWER TREATMENT PLANT CONTROL PANEL SINGLE LINE
CONTROL DIAGRAM - 1**

DESIGNED

WANNIGAMA

SCALE

NTS

DRAWN

ERANDA

DATE

25 / 04 / 2017

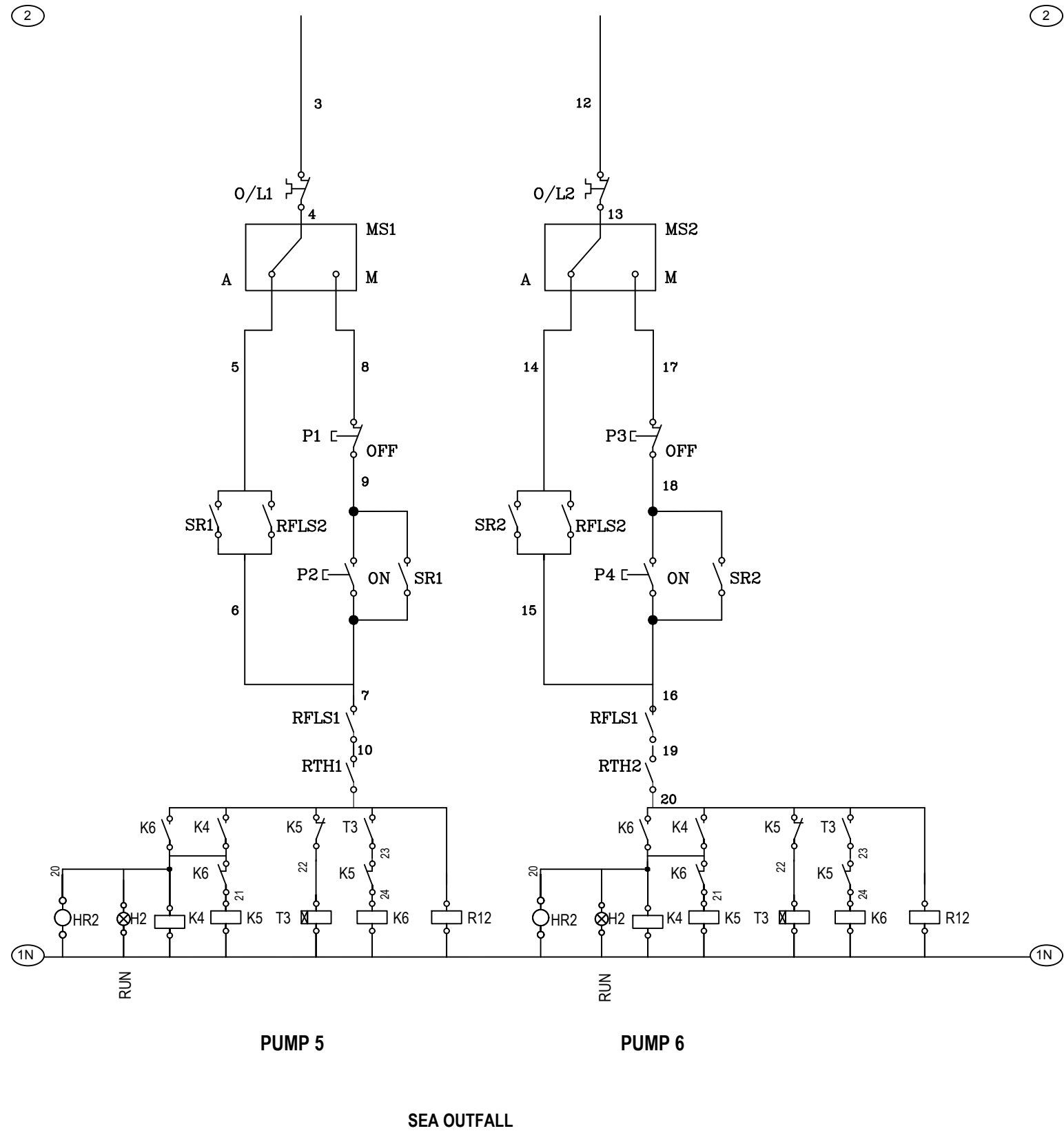
CHECKED

THILAKARATHNE

DRAWING
NUMBER

BE/CP/E/002

A.3



PROJECT

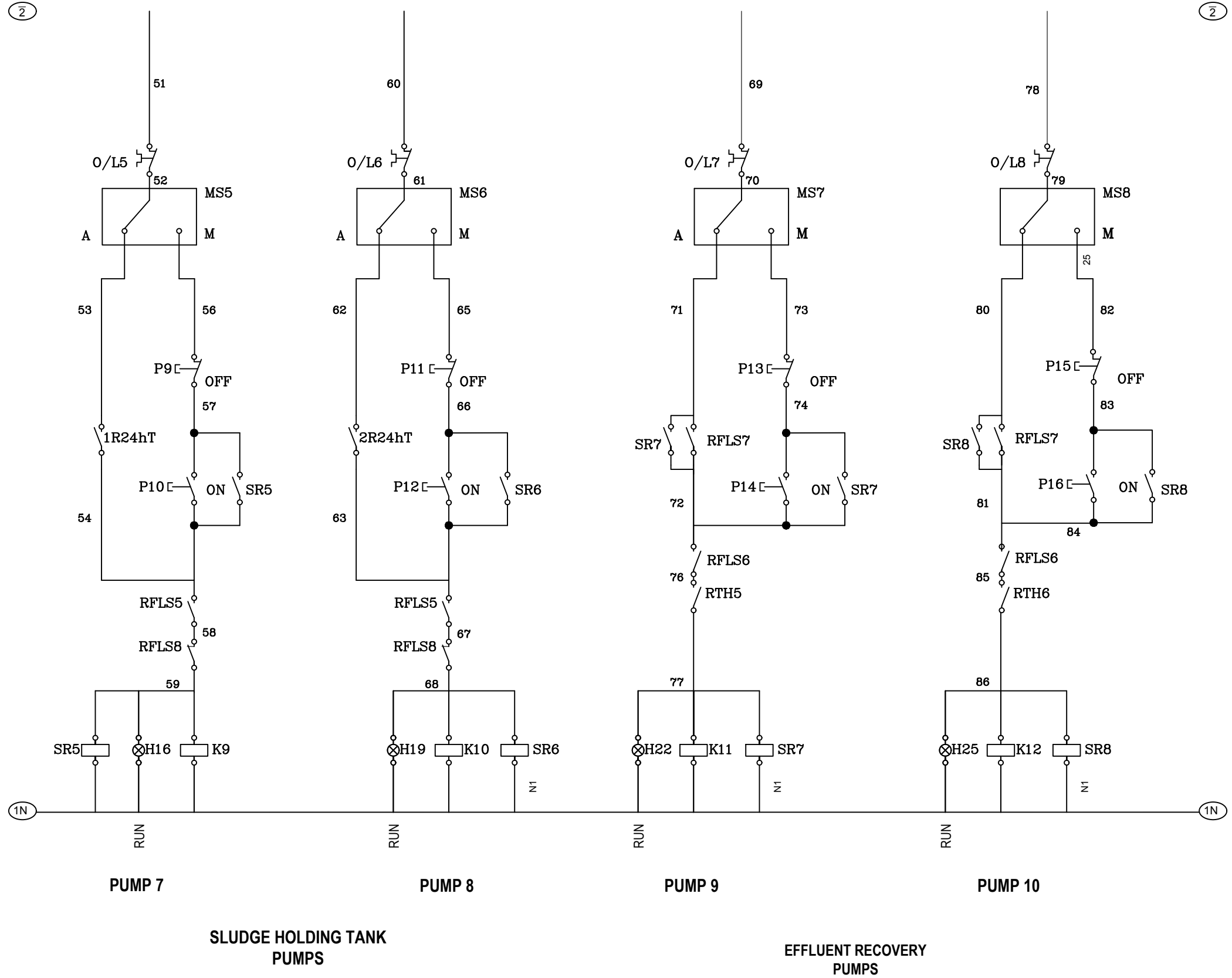
SEWERAGE TREATMENT PROJECT IN INNAMAADHOO, MALDIVES



DRAWING TITLE

SEWER TREATMENT PLANT CONTROL PANEL SINGLE LINE
CONTROL DIAGRAM - 2

DESIGNED	WANNIGAMA	SCALE	NTS
DRAWN	ERANDA	DATE	25 / 04 / 2017
CHECKED	THILAKARATHNE	DRAWING NUMBER	BE/CP/E/003
			A3



PROJECT

SEWERAGE TREATMENT PROJECT IN INNAMAADHOO, MALDIVES



DRAWING TITLE

**SEWER TREATMENT PLANT CONTROL PANEL SINGLE LINE
CONTROL DIAGRAM - 3**

DESIGNED

WANNIGAMA

SCALE

NTS

DRAWN

ERANDA

DATE

25 / 04 / 2017

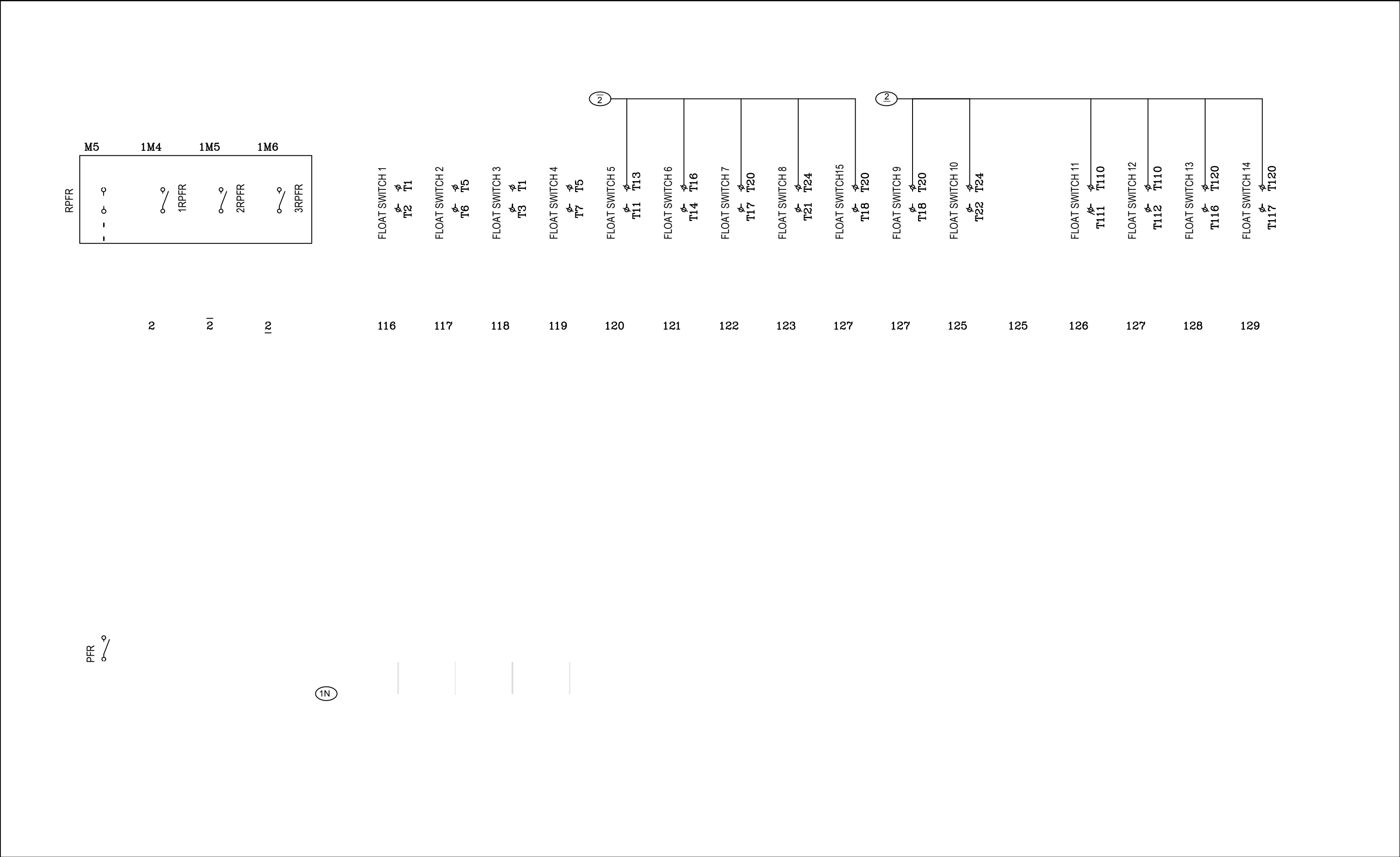
CHECKED

THILAKARATHNE

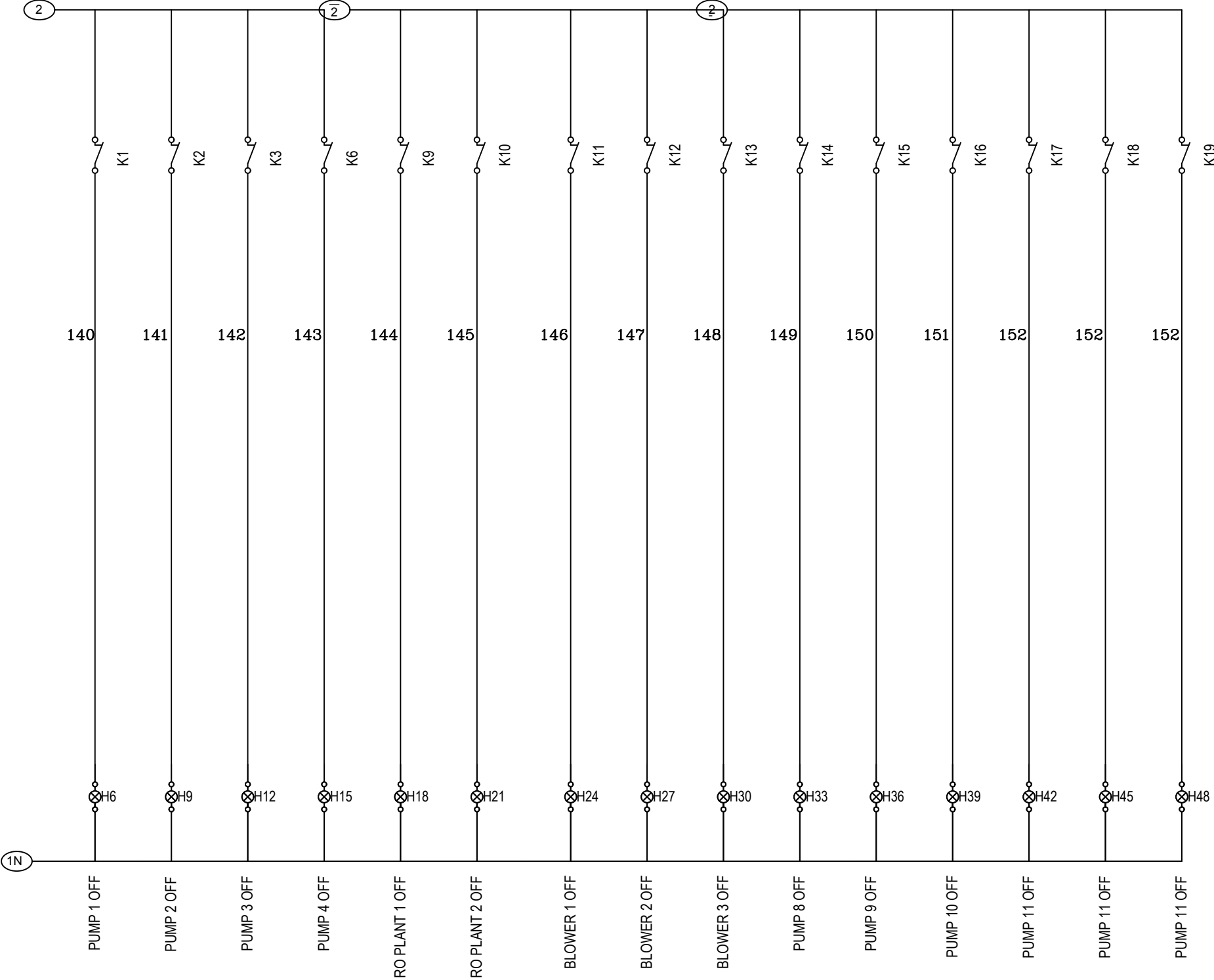
DRAWING
NUMBER

BE/CP/E/004

A3



PROJECT							SEWERAGE TREATMENT PROJECT IN INNAMAADHOO, MALDIVES						
				DRAWING TITLE SEWER TREATMENT PLANT CONTROL PANEL SINGLE LINE CONTROL DIAGRAM - 4				DESIGNED	NAYAKE WANNIGAMA	SCALE	1:100		
								DRAWN	ROSHAN PERERA	DATE	25 / 04 / 2017		
								CHECKED	P.W. THILAKARATHNE	DRAWING NUMBER	BE/CP/E/005	A3	



PROJECT

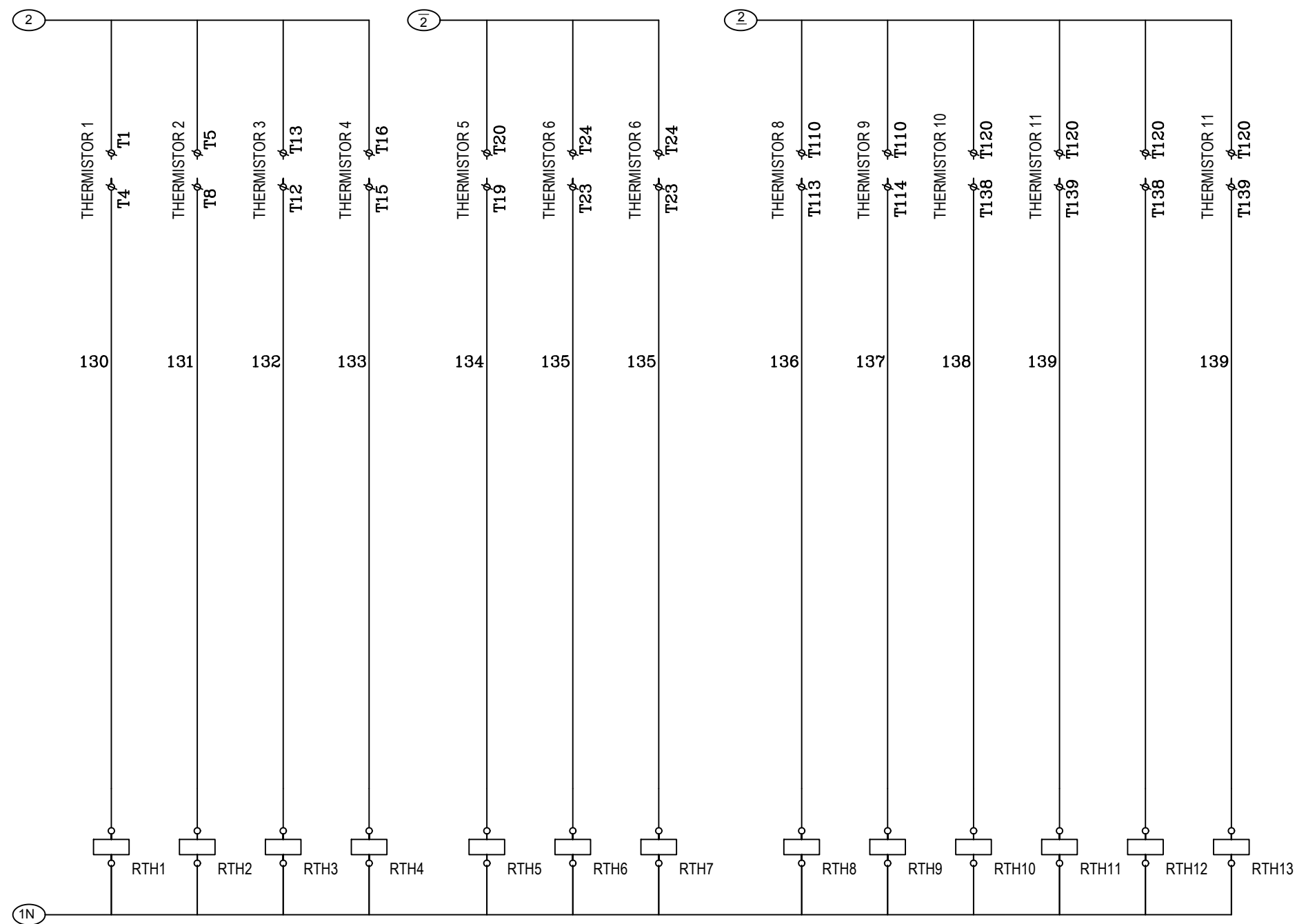
SEWERAGE TREATMENT PROJECT IN INNAMAADHOO, MALDIVES



DRAWING TITLE

SEWER TREATMENT PLANT CONTROL PANEL SINGLE LINE
CONTROL DIAGRAM - 5

DESIGNED	NAYAKE WANNIGAMA	SCALE	1:100
DRAWN	ROSHAN PERERA	DATE	25 / 04 / 2017
CHECKED	P.W. THILAKARATHNE	DRAWING NUMBER	BE/CP/E/006



PROJECT

SEWERAGE TREATMENT PROJECT IN INNAMAADHOO, MALDIVES

DRAWING TITLE

SEWER TREATMENT PLANT CONTROL PANEL SINGLE LINE
CONTROL DIAGRAM - 6

DESIGNED

NAYAKE WANNIGAMA

SCALE

1:100

DRAWN

ROSHAN PERERA

DATE

25 / 04 / 2017

CHECKED

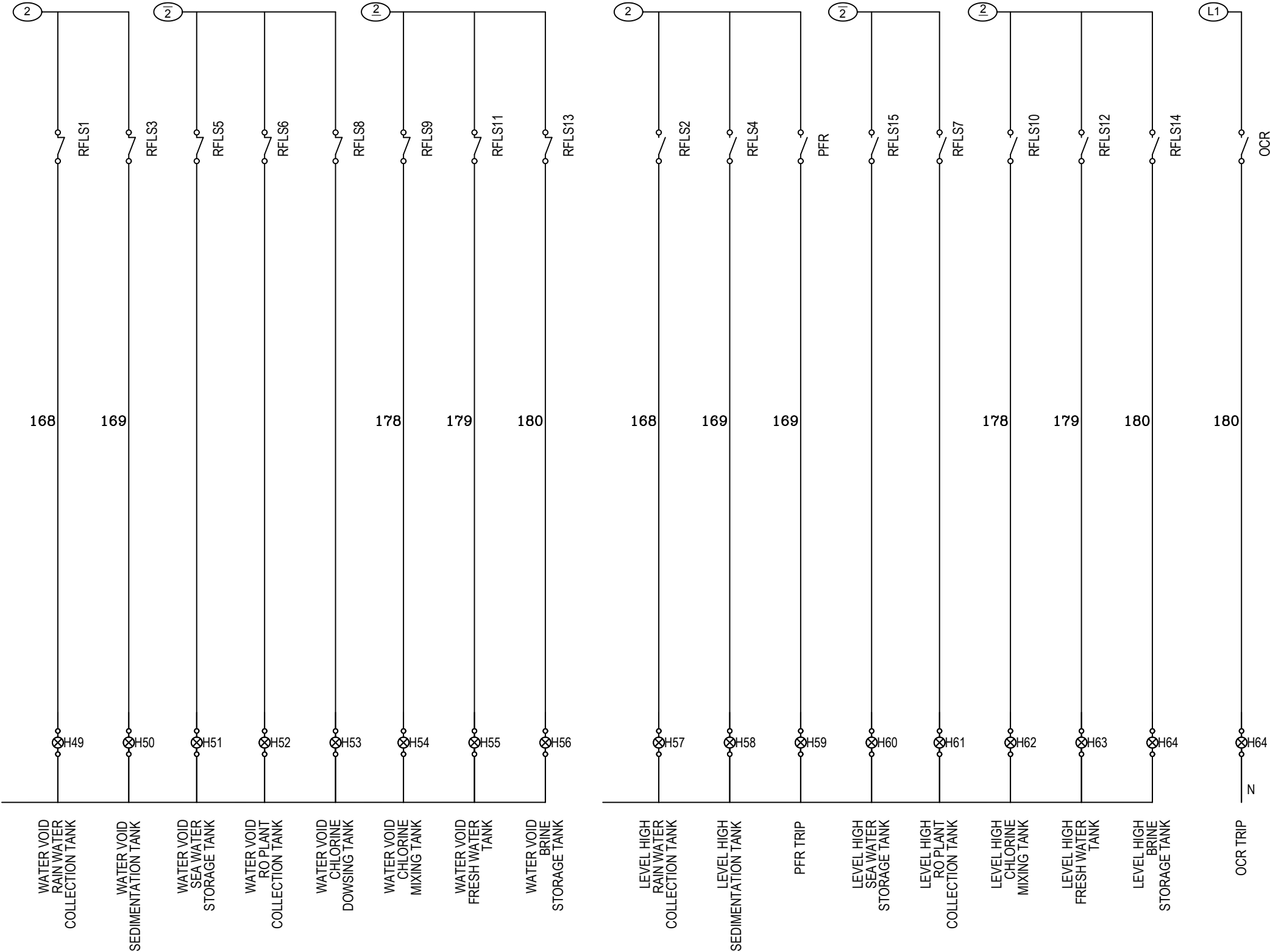
P.W. THILAKARATHNE

DRAWING
NUMBER

BE/CP/E/007

A3





PROJECT

SEWERAGE TREATMENT PROJECT IN INNAMAADHOO, MALDIVES

DRAWING TITLE

SEWER TREATMENT PLANT CONTROL PANEL SINGLE LINE
CONTROL DIAGRAM - 7

DESIGNED

NAYAKE WANNIGAMA

SCALE

1:100

DRAWN

ROSHAN PERERA

DATE

25 / 04 / 2017

CHECKED

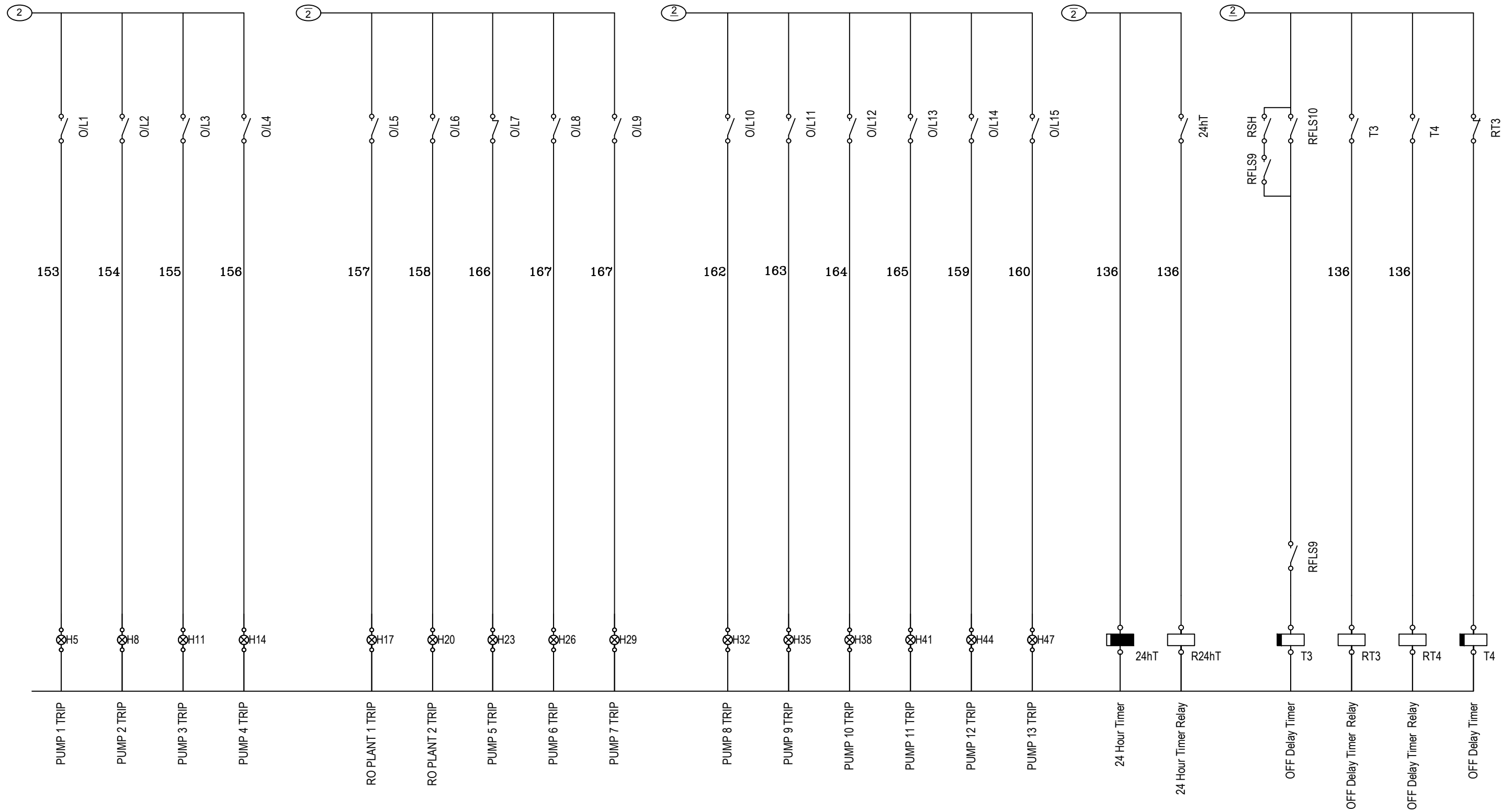
P.W. THILAKARATHNE

DRAWING
NUMBER

BE/CP/E/008

A3





PROJECT

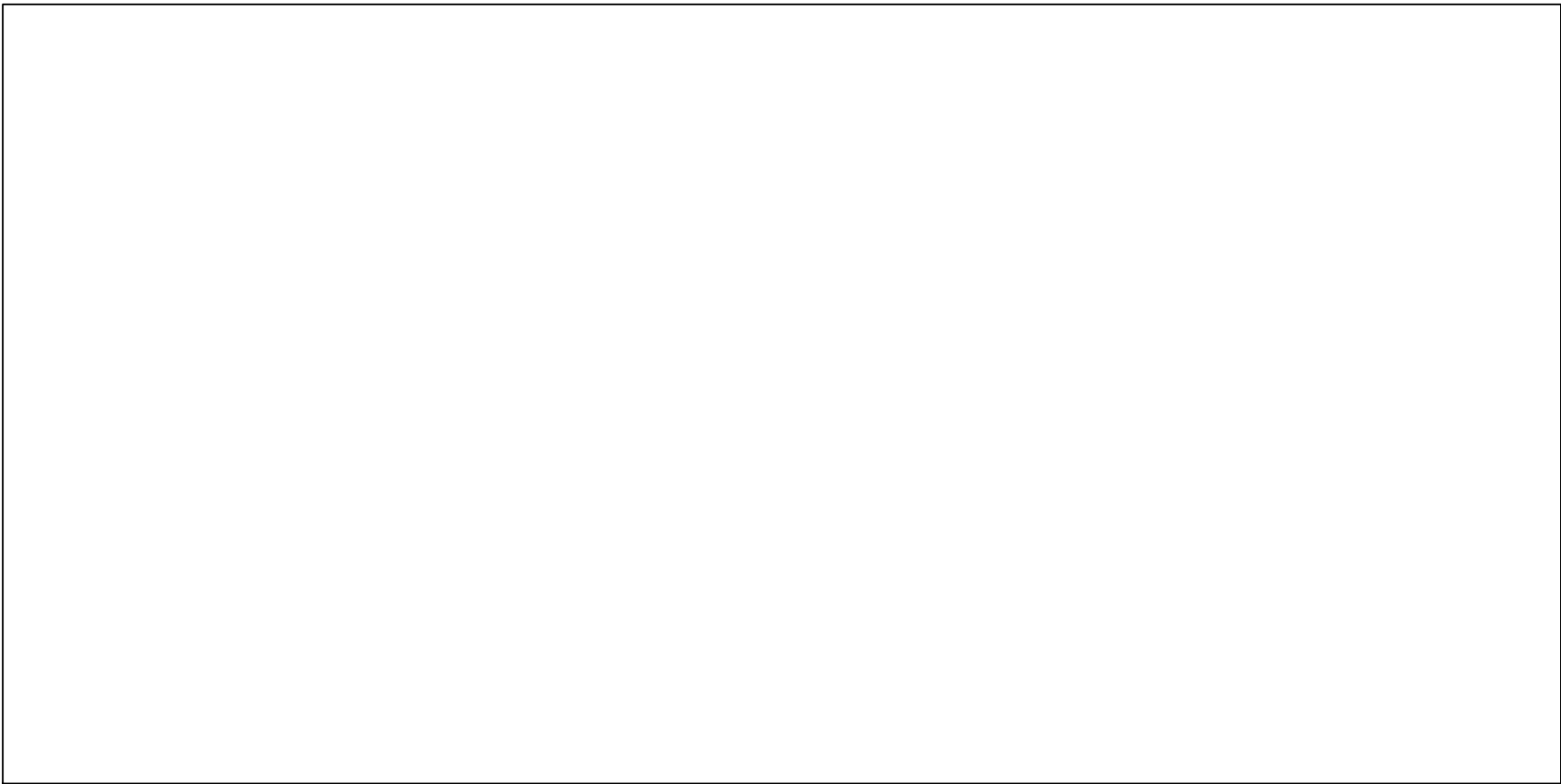
SEWERAGE TREATMENT PROJECT IN INNAMAADHOO, MALDIVES



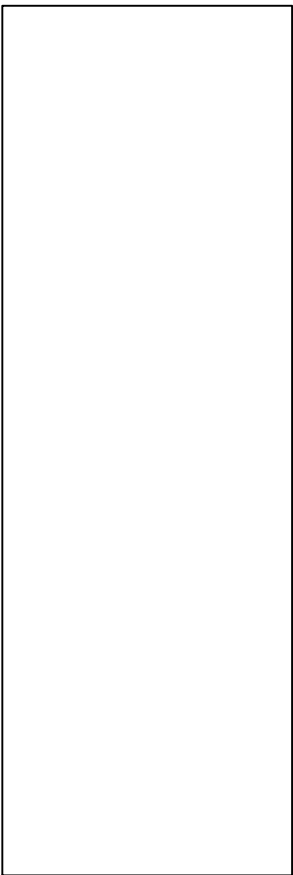
DRAWING TITLE

SEWER TREATMENT PLANT CONTROL PANEL SINGLE LINE
CONTROL DIAGRAM - 8

DESIGNED	NAYAKE WANNIGAMA	SCALE	1:100
DRAWN	ROSHAN PERERA	DATE	25 / 04 / 2017
CHECKED	P.W. THILAKARATHNE	DRAWING NUMBER	BE/CP/E/009
			A.3



1500



500

Enclosure

- 1. H x W x D 1500 x 3000 x 500
- 2. 316 Stainless Steel / GRP
- 3. IP64 (Indoor)

PROJECT

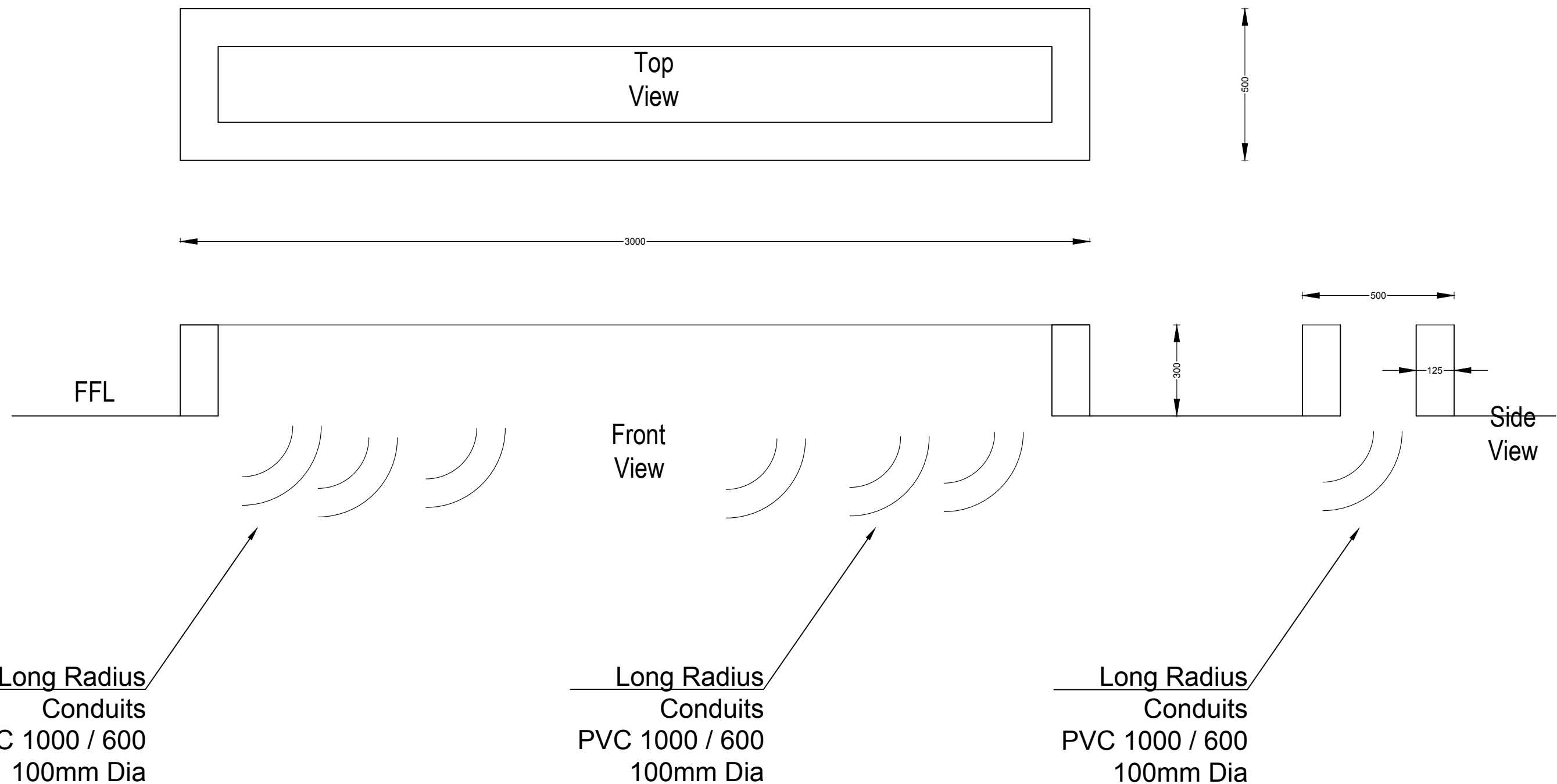
SEWERAGE TREATMENT PROJECT IN INNAMAADHOO, MALDIVES




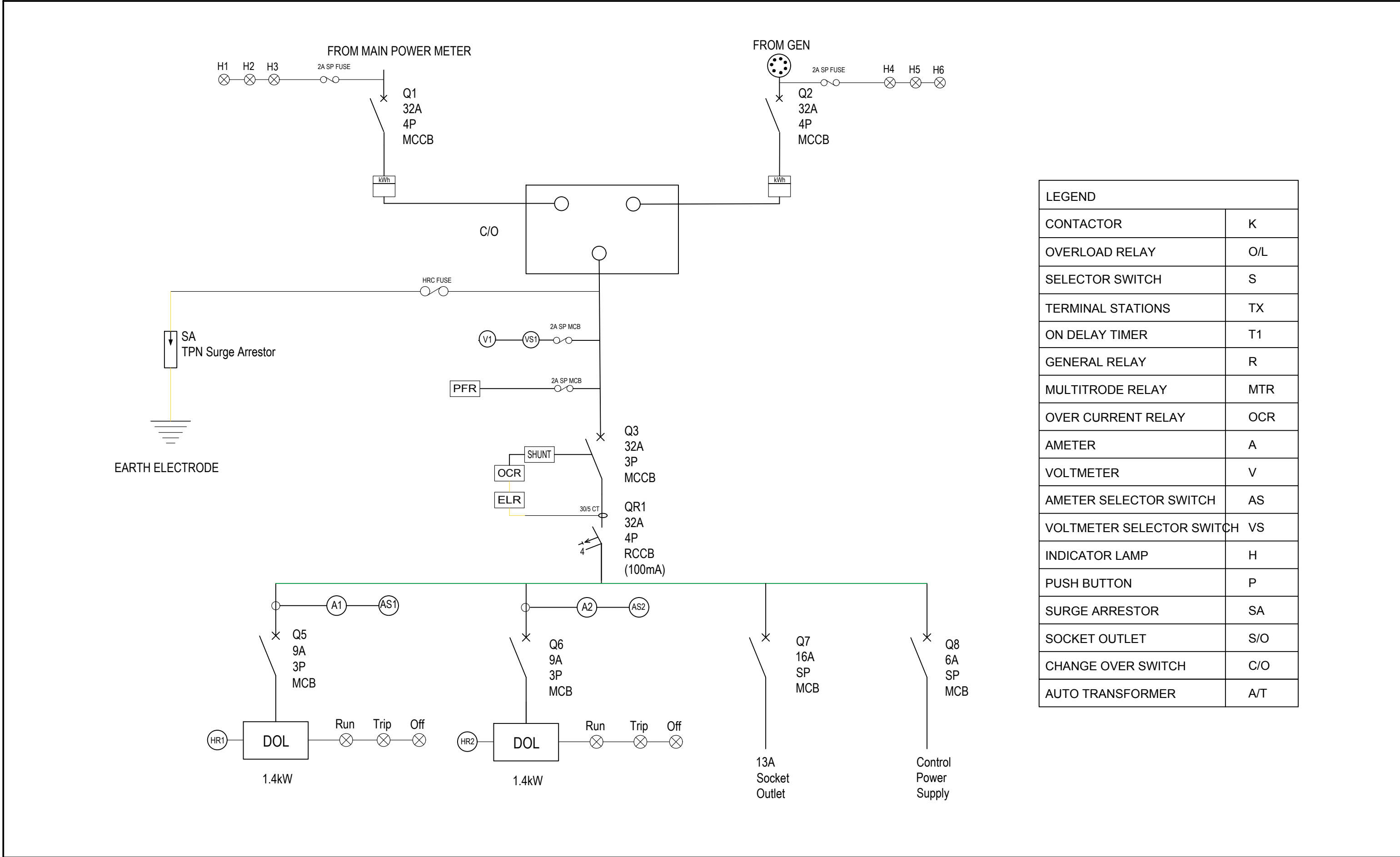
DRAWING TITLE

SEWER TREATMENT PLANT PUMP CONTROL PANEL TYPE AND
SIZE DETAIL

DESIGNED	WANNIGAMA	SCALE	NTS
DRAWN	ERANDA	DATE	25 / 04 / 2017
CHECKED	THILAKARATHNE	DRAWING NUMBER	BE/CP/E/010
			A3



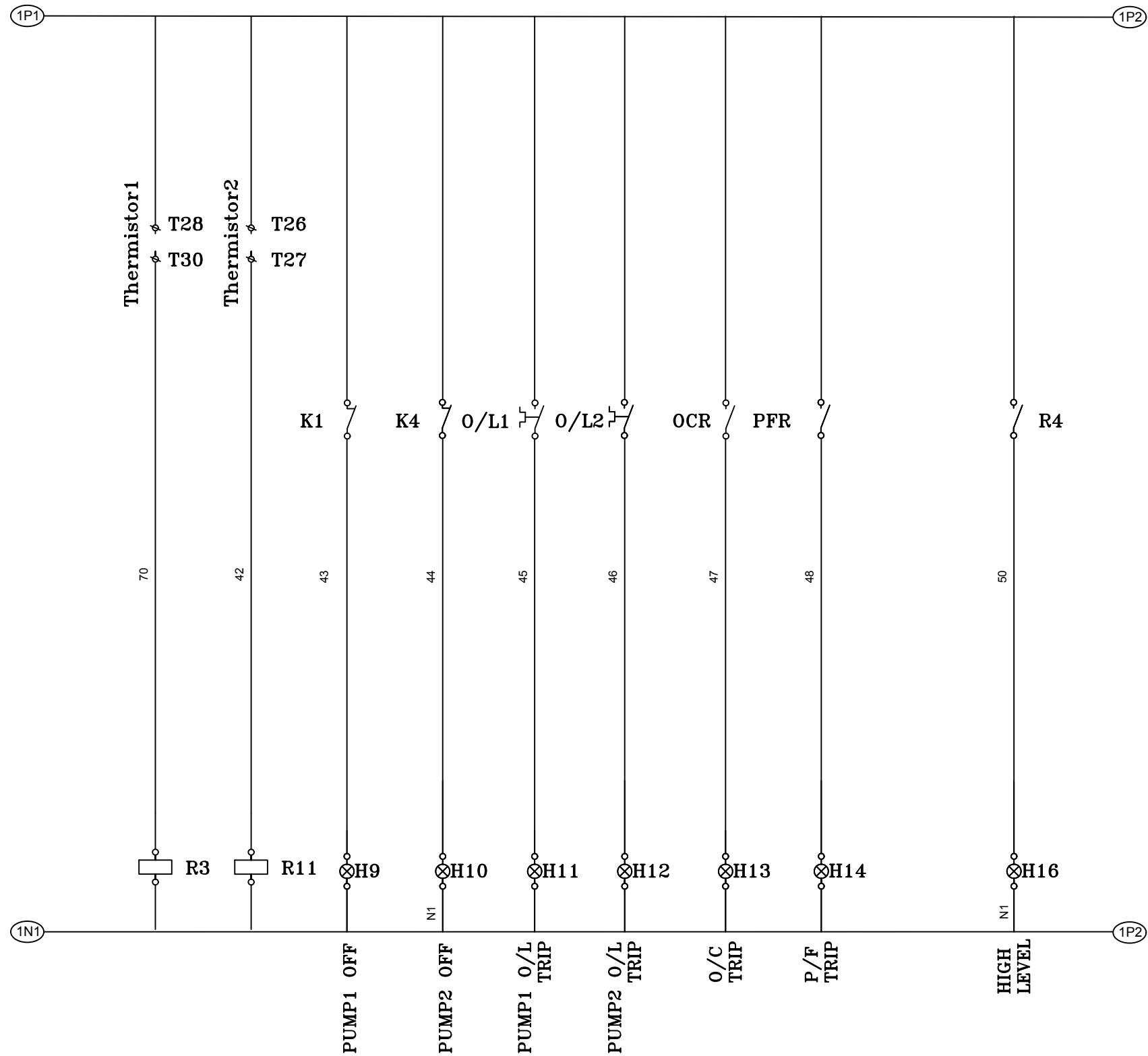
PROJECT						
SEWERAGE TREATMENT PROJECT IN INNAMAADHOO, MALDIVES						
		DRAWING TITLE WATER TREATMENT PLANT PUMP CONTROL PANEL PLINTH DETAIL	DESIGNED	WANNIGAMA	SCALE	NTS
			DRAWN	ERANDA	DATE	25 / 04 / 2017
			CHECKED	THILAKARATHNE	DRAWING NUMBER	BE/CP/E/011




LEGEND	
CONTACTOR	K
OVERLOAD RELAY	O/L
SELECTOR SWITCH	S
TERMINAL STATIONS	TX
ON DELAY TIMER	T1
GENERAL RELAY	R
MULTITRODE RELAY	MTR
OVER CURRENT RELAY	OCR
AMETER	A
VOLTMETER	V
AMETER SELECTOR SWITCH	AS
VOLTMETER SELECTOR SWITCH	VS
INDICATOR LAMP	H
PUSH BUTTON	P
SURGE ARRESTOR	SA
SOCKET OUTLET	S/O
CHANGE OVER SWITCH	C/O
AUTO TRANSFORMER	A/T

PROJECT

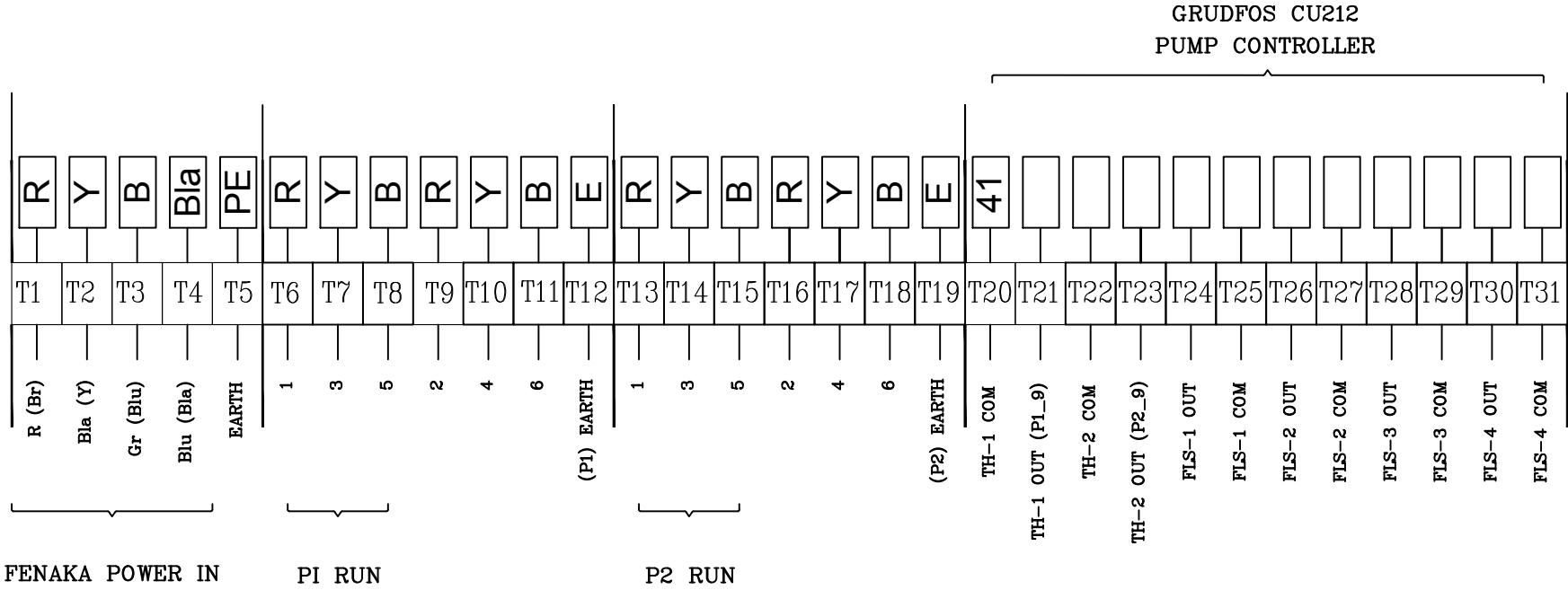
SEWERAGE TREATMENT PROJECT IN INNAMADHOO, MALDIVES



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			DRAWN	ERANDA	DATE	25 / 04 / 2017	
			CHECKED	THILAKARATHNE	DRAWING NUMBER	IN/PS/E/003	A3

TERMINAL BLOCK CONFIGURATION (IN SIDE PANEL CUBICAL)

TX-1



PROJECT

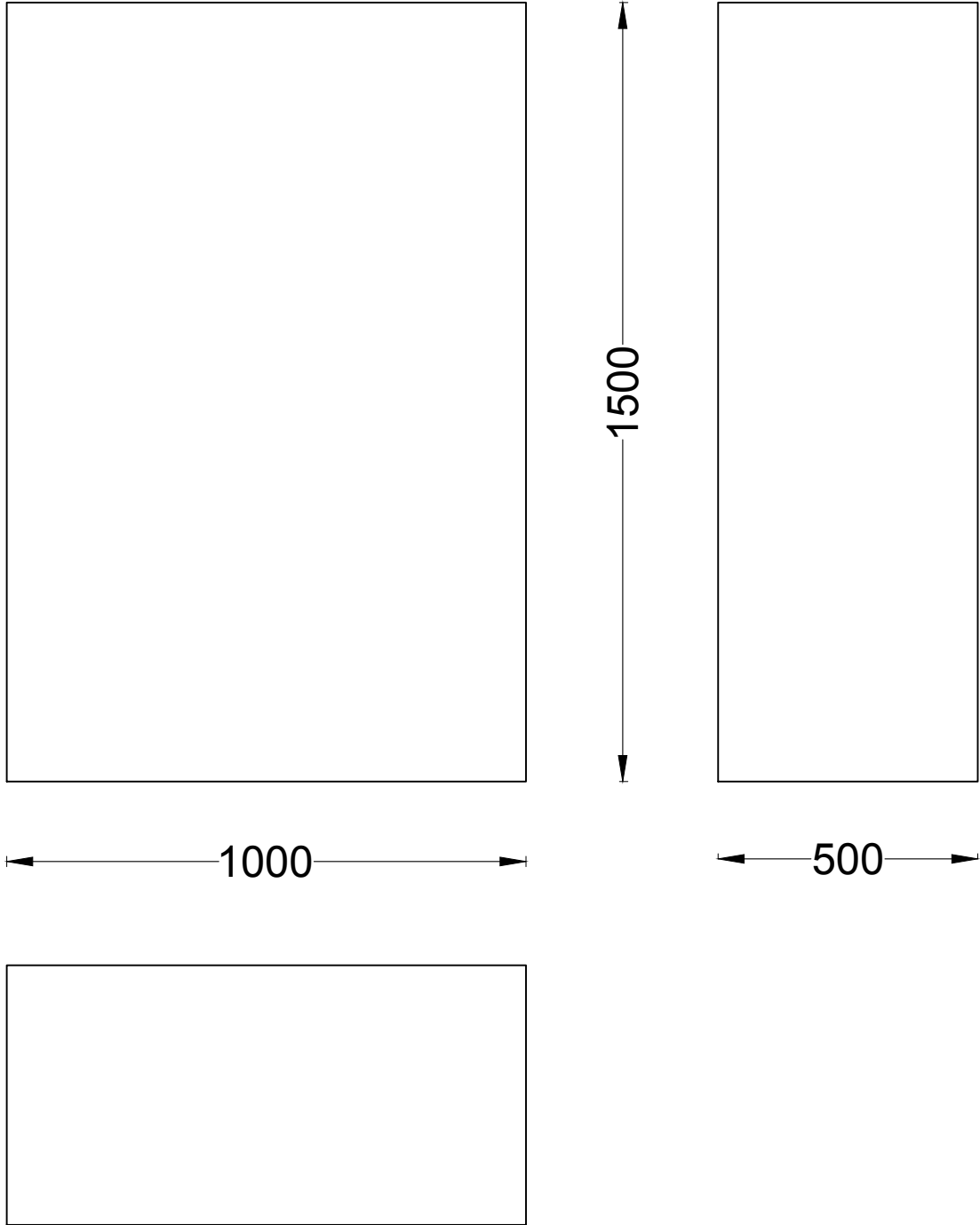
SEWERAGE TREATMENT PROJECT IN INNAMADHOO, MALDIVES



DRAWING TITLE

PUMP STATION SINGLE LINE TERMINAL
DIAGRAM

DESIGNED	WANNIGAMA	SCALE	NTS	
DRAWN	ERANDA	DATE	25 / 04 / 2017	
CHECKED	THILAKARATHNE	DRAWING NUMBER	IN/PS/E/004	A3



- Enclosure
- 1. H x W x D 1500 x 1000 x 500
 - 2. 316 Stainless Steel / GRP
 - 3. IP68 (Outdoor)

PROJECT

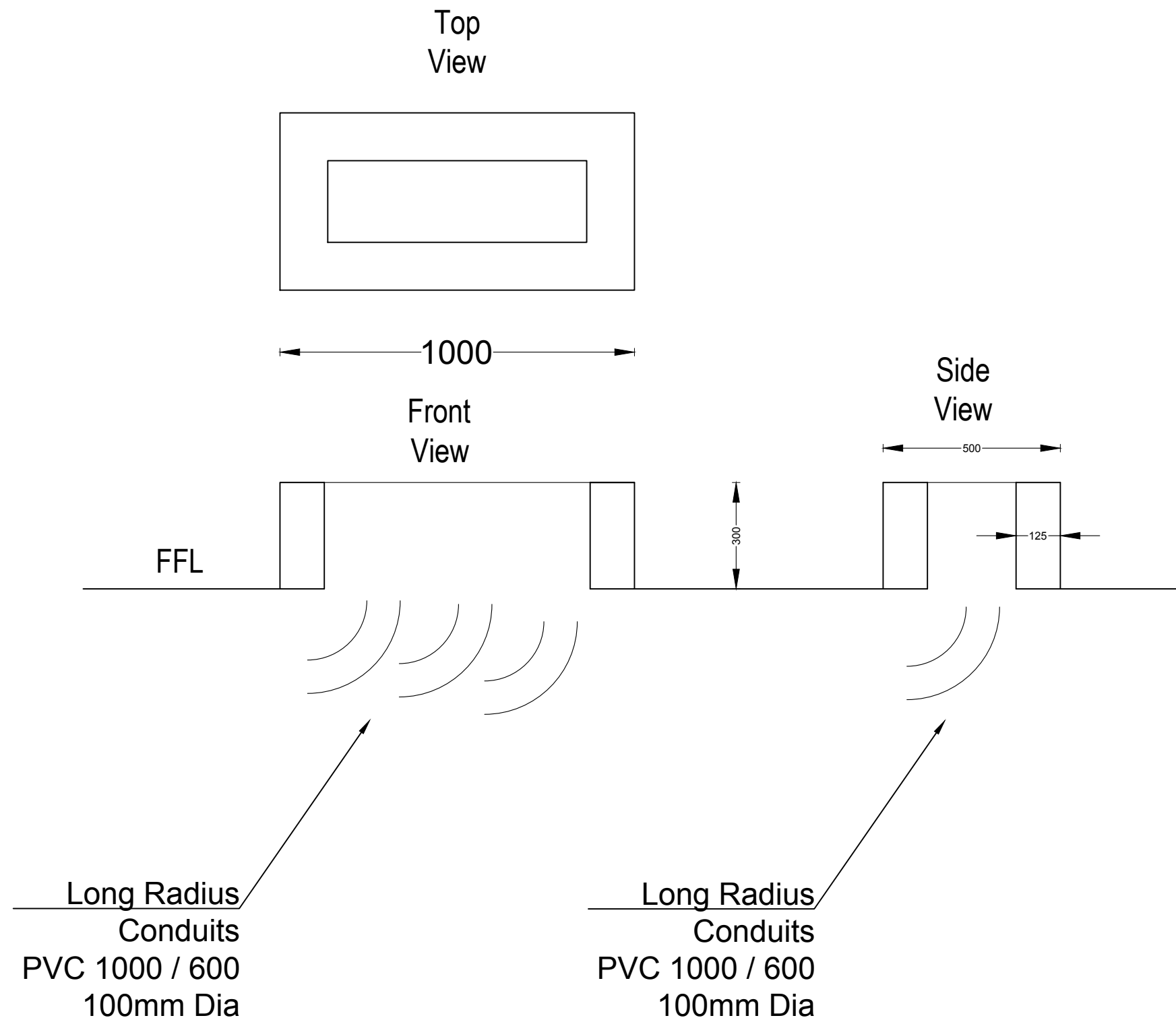
SEWERAGE TREATMENT PROJECT IN INNAMADHOO, MALDIVES

DRAWING TITLE

PUMP STATION CONTROL PANEL TYPE
AND SIZE DIAGRAM

DESIGNED	WANNIGAMA	SCALE	NTS	
DRAWN	ERANDA	DATE	25 / 04 / 2017	
CHECKED	THILAKARATHNE	DRAWING NUMBER	IN/PS/E/005	A3





PROJECT

SEWERAGE TREATMENT PROJECT IN INNAMADHOO, MALDIVES



DRAWING TITLE

**PUMP STATION CONTROL PANEL
PLINTH DIAGRAM**

DESIGNED

WANNIGAMA

SCALE

NTS

DRAWN

ERANDA

DATE

25 / 04 / 2017

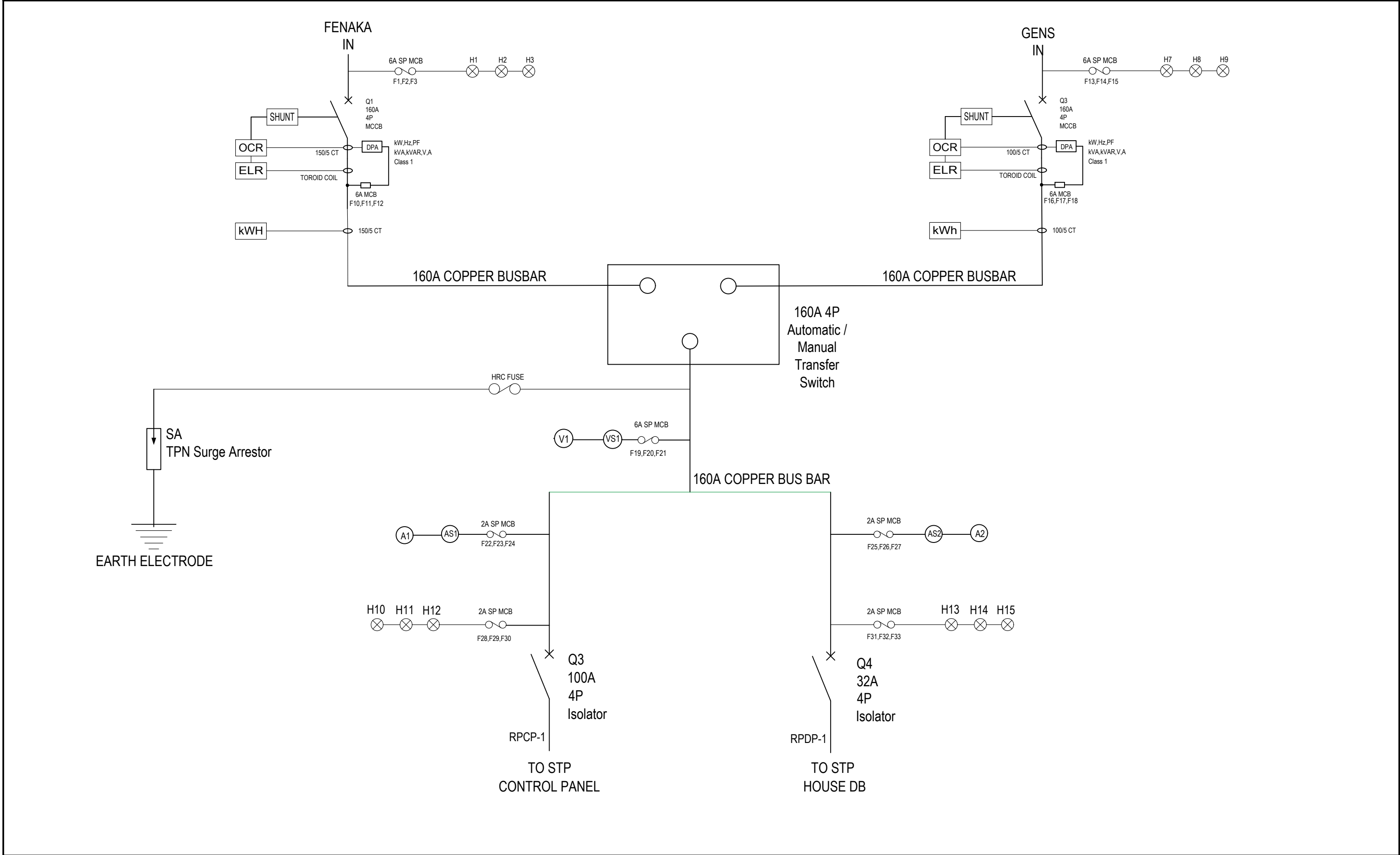
CHECKED

THILAKARATHNE

DRAWING
NUMBER

IN/PS/E/006

A3



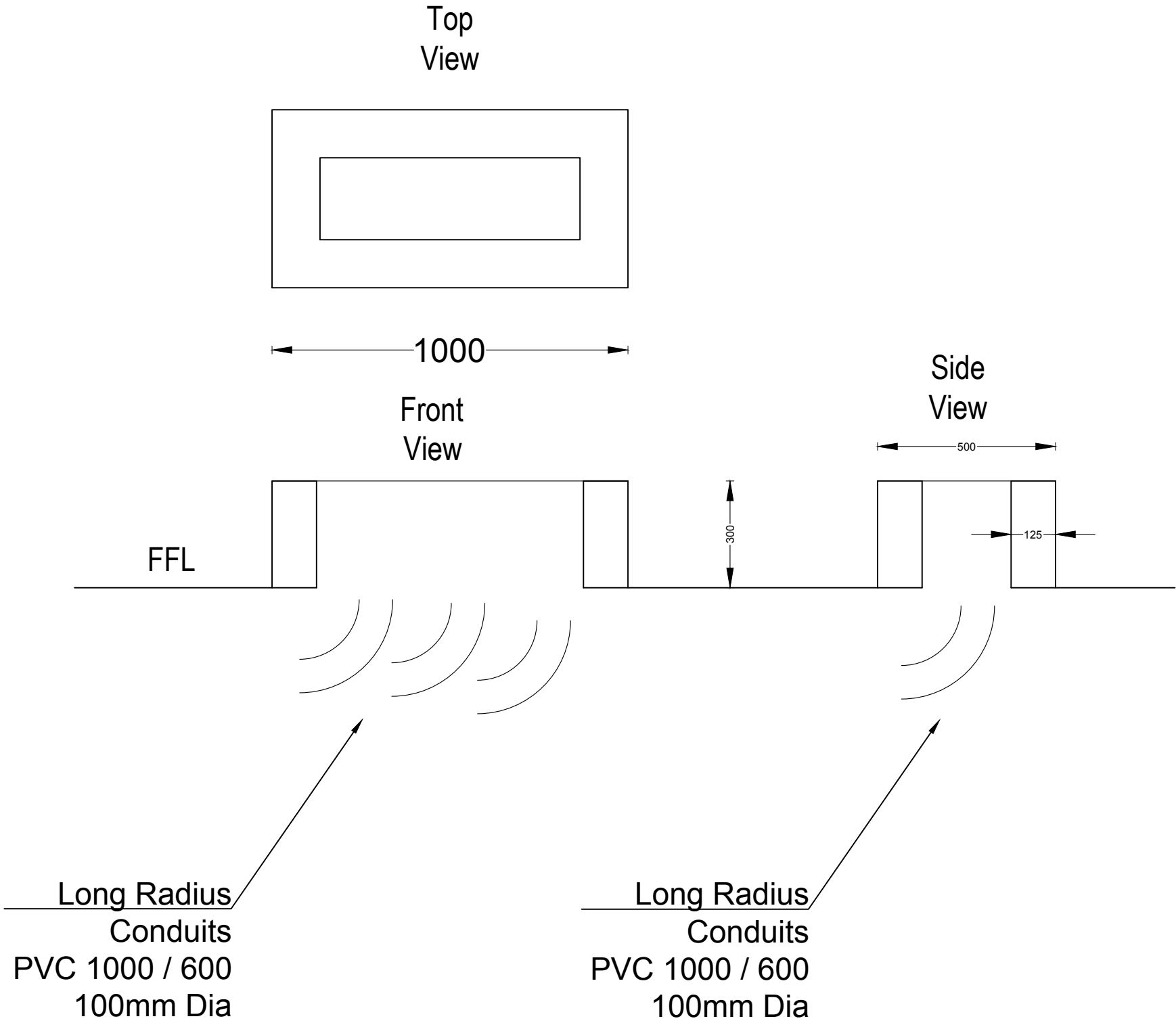
PROJECT

SEWERAGE TREATMENT PROJECT IN INNAMADHOO, MALDIVES

DRAWING TITLE

SEWER TREATMENT PLANT POWER PANEL SINGLE LINE POWER
DIAGRAM

DESIGNED	WANNIGAMA	SCALE	NTS	
DRAWN	ERANDA	DATE	25 / 04 / 2017	
CHECKED	THILAKARATHNE	DRAWING NUMBER	IN/PP/E/001	A3



PROJECT

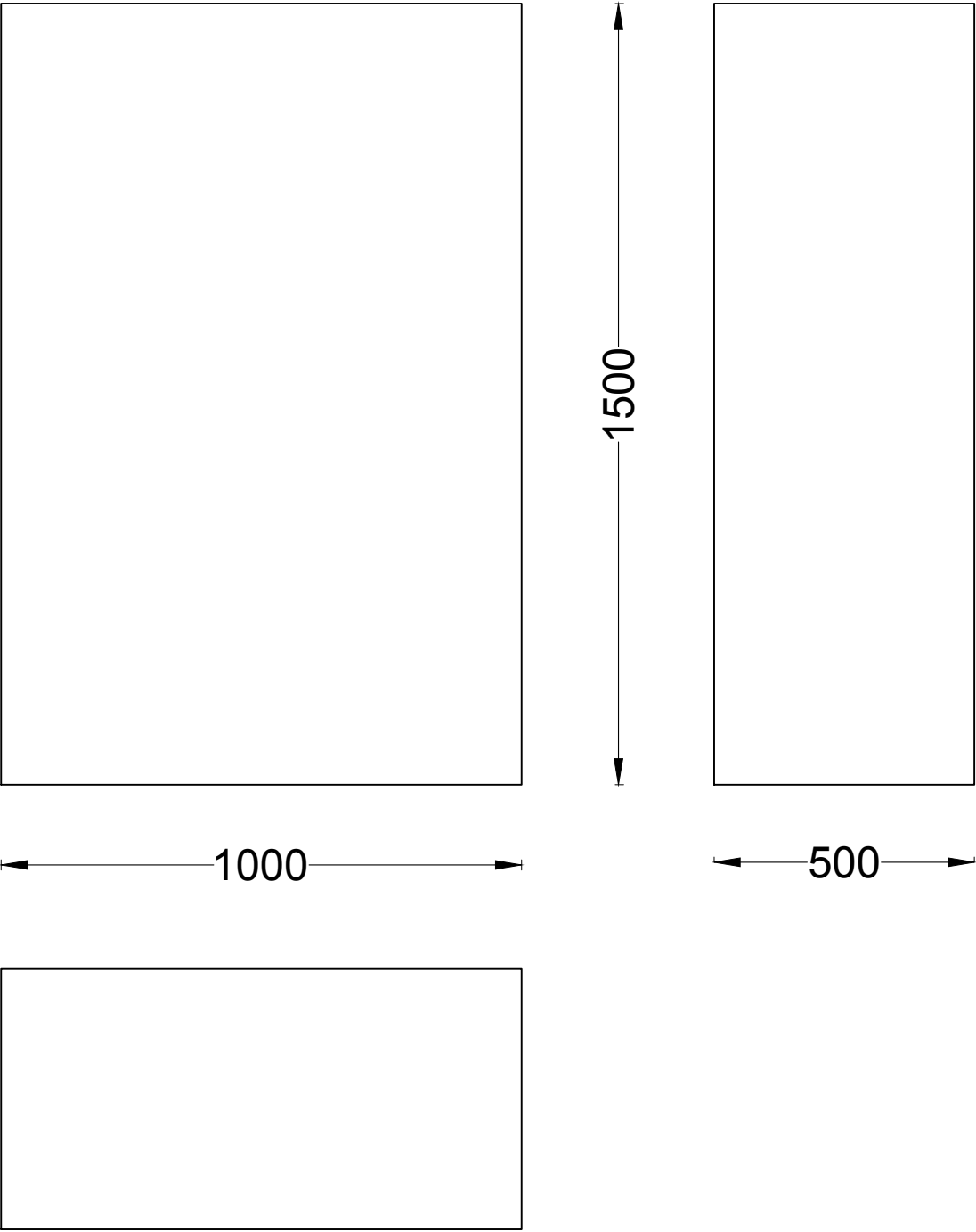
SEWERAGE TREATMENT PROJECT IN INNAMADHOO, MALDIVES



DRAWING TITLE

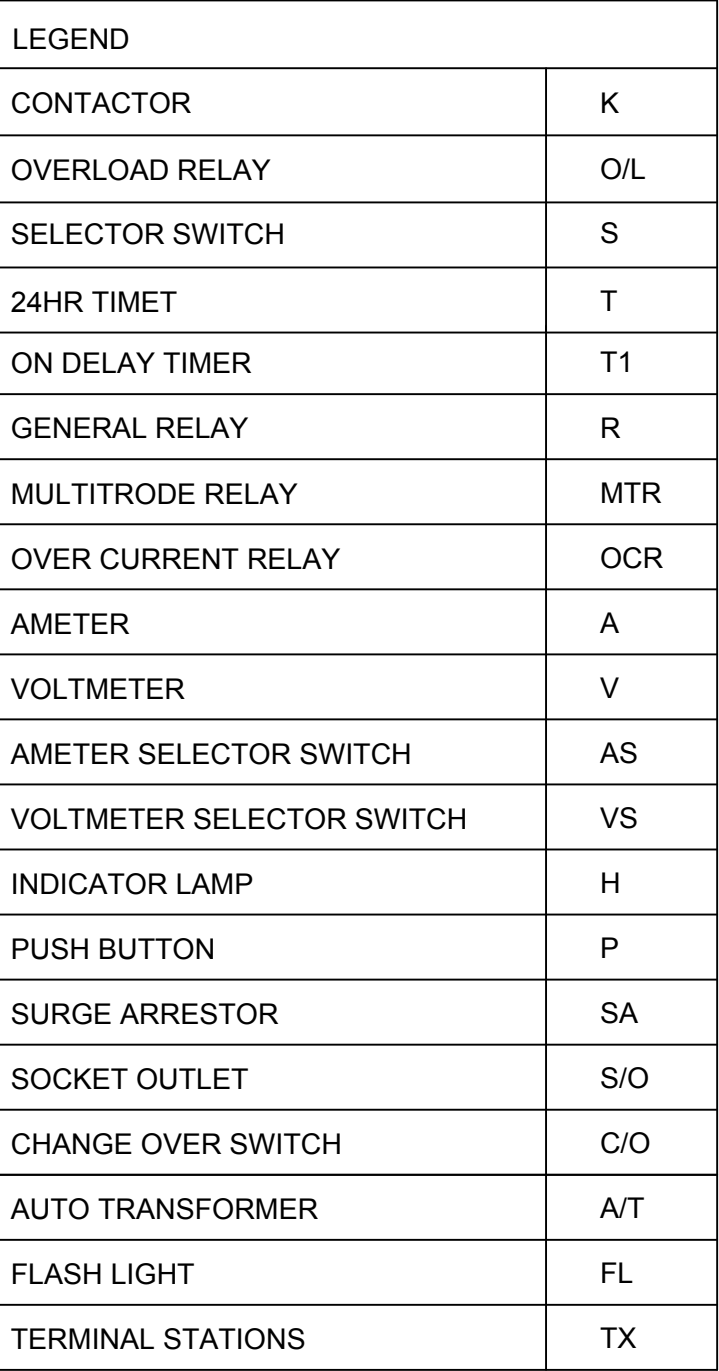
SEWER TREATMENT PLANT POWER PANEL PLINTH DETAIL

DESIGNED	WANNIGAMA	SCALE	NTS	
DRAWN	ERANDA	DATE	25 / 04 / 2017	
CHECKED	THILAKARATHNE	DRAWING NUMBER	IN/PP/E/003	A3



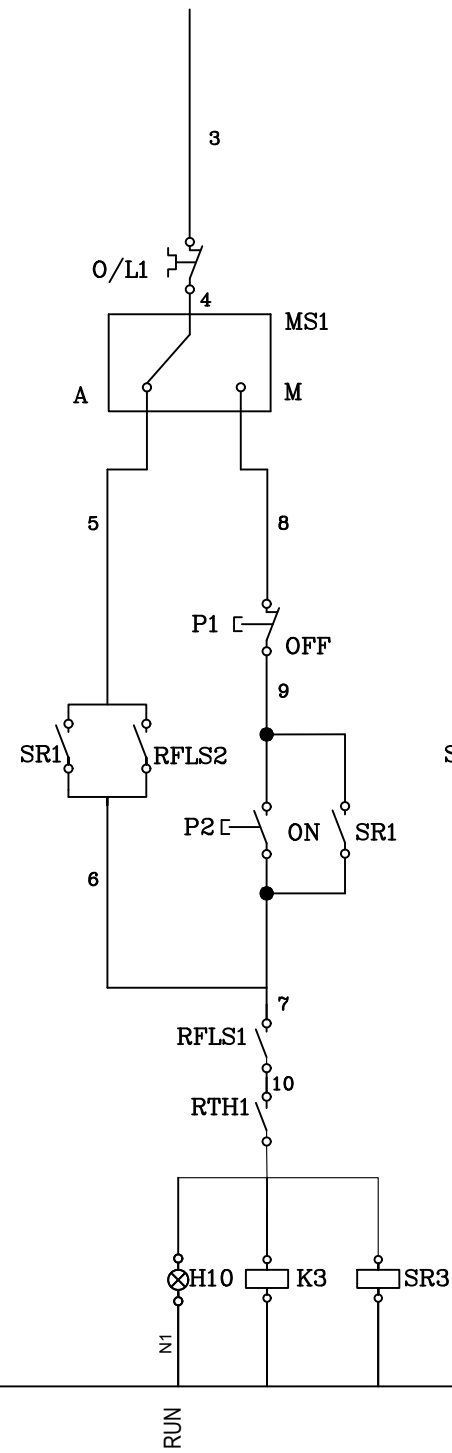
- Enclosure
- 1. H x W x D 1500 x 1000 x 500
 - 2. 316 Stainless Steel / GRP
 - 3. IP64 (Indoor)

PROJECT							SEWERAGE TREATMENT PROJECT IN INNAMADHOO, MALDIVES				
		DRAWING TITLE	SEWER TREATMENT PLANT POWER PANEL SINGLE LINE POWER DIAGRAM				DESIGNED	WANNIGAMA	SCALE	NTS	
							DRAWN	ERANDA	DATE	25 / 04 / 2017	
							CHECKED	THILAKARATHNE	DRAWING NUMBER	IN/PP/E/002	A3

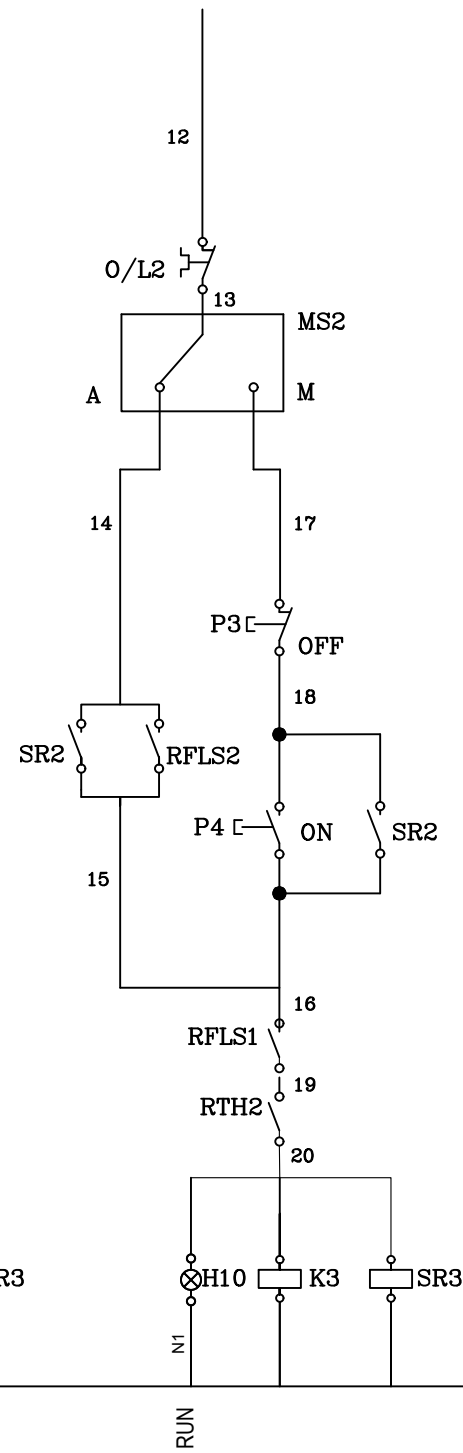


SEWERAGE TREATMENT PROJECT IN INNAMADHOO, MALDIVES

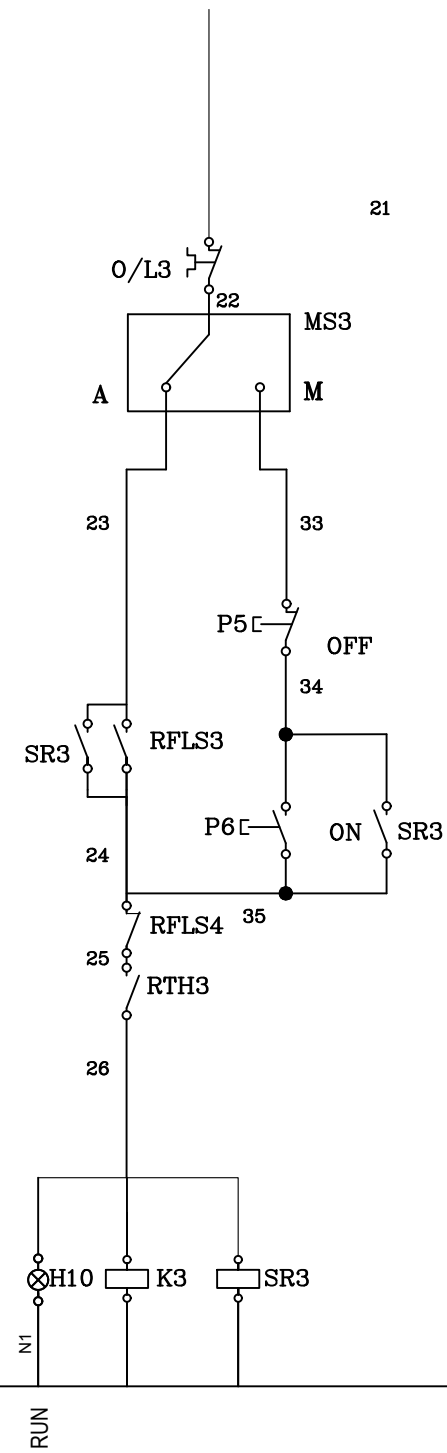
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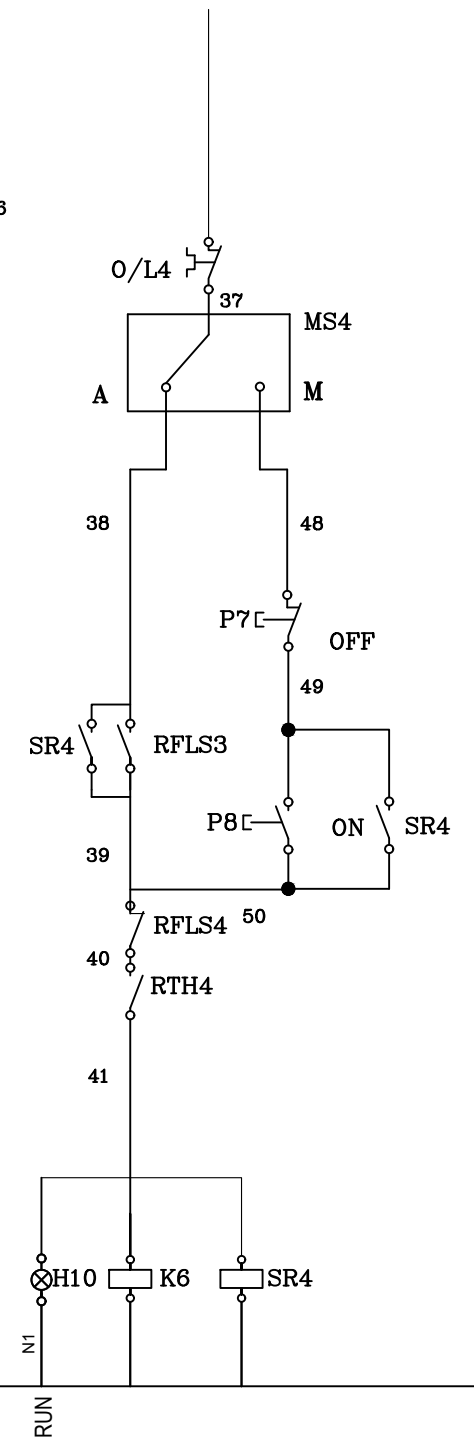
PUMP 1



PUMP 2



PUMP 3



PUMP 4

AERATION BLOWER

PST TO AT

PROJECT

SEWERAGE TREATMENT PROJECT IN INNAMADHOO, MALDIVES



DRAWING TITLE

SEWER TREATMENT PLANT CONTROL PANEL SINGLE LINE CONTROL DIAGRAM - 1

DESIGNED

WANNIGAMA

SCALE

NTS

DRAWN

ERANDA

DATE _____

25 / 04 / 2017

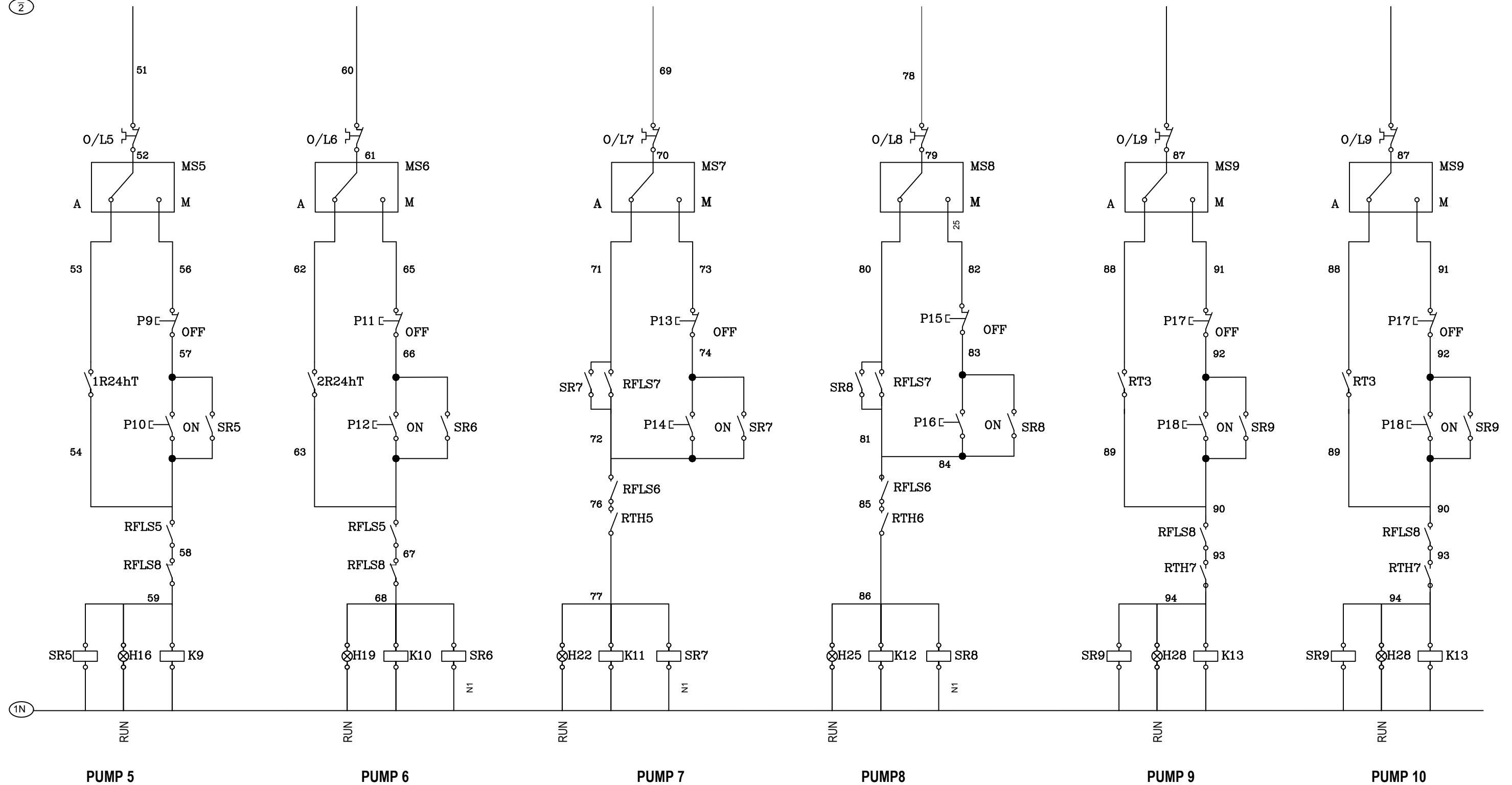
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THILAKARATHNE

DRAWING
NUMBER

IN/CP/E/002

A3



PROJECT

SEWERAGE TREATMENT PROJECT IN INNAMADHOO, MALDIVES



DRAWING TITLE

**SEWER TREATMENT PLANT CONTROL PANEL SINGLE LINE
CONTROL DIAGRAM - 2**

DESIGNED

WANNIGAMA

SCALE

NTS

DRAWN

ERANDA

DATE

25 / 04 / 2017

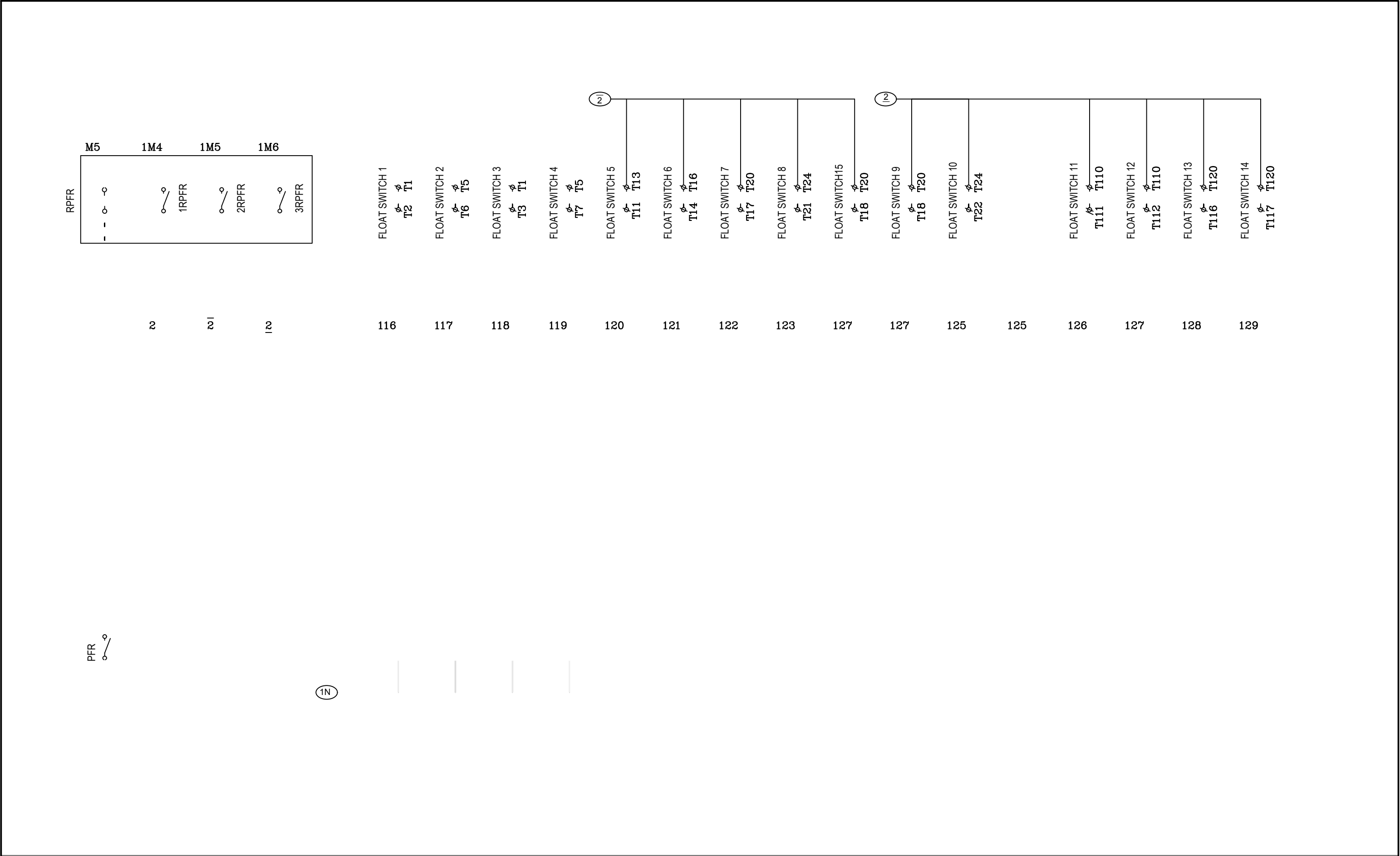
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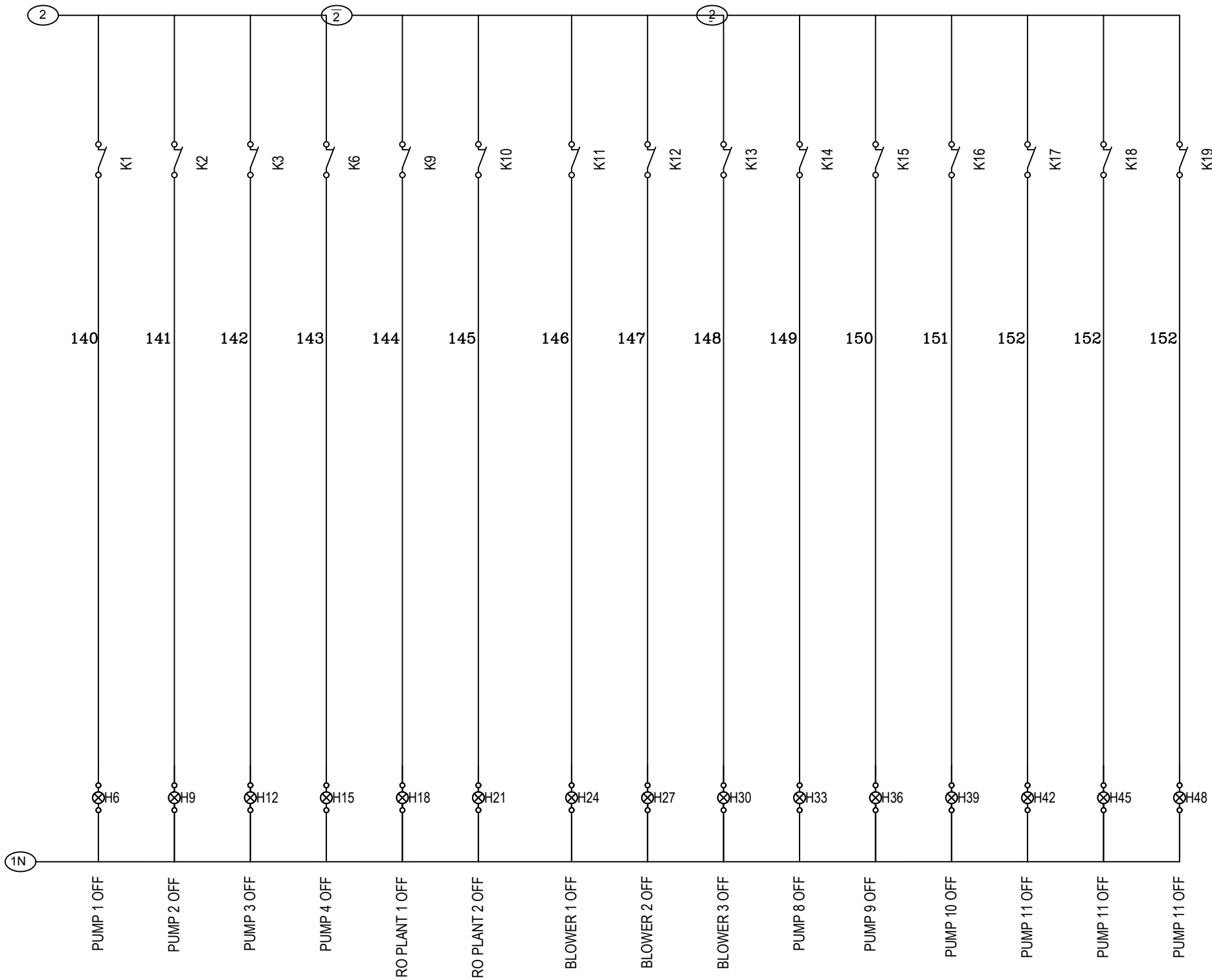
DRAWING
NUMBER

IN/CP/E/003

A3



PROJECT		SEWERAGE TREATMENT PROJECT IN INNAMADHOO, MALDIVES				
	DRAWING TITLE SEWER TREATMENT PLANT CONTROL PANEL SINGLE LINE CONTROL DIAGRAM - 3	DESIGNED	NAYAKE WANNIGAMA	SCALE	1:100	
		DRAWN	ROSHAN PERERA	DATE	25 / 04 / 2017	
		CHECKED	P.W. THILAKARATHNE	DRAWING NUMBER	IN/CP/E/004	A3



PROJECT

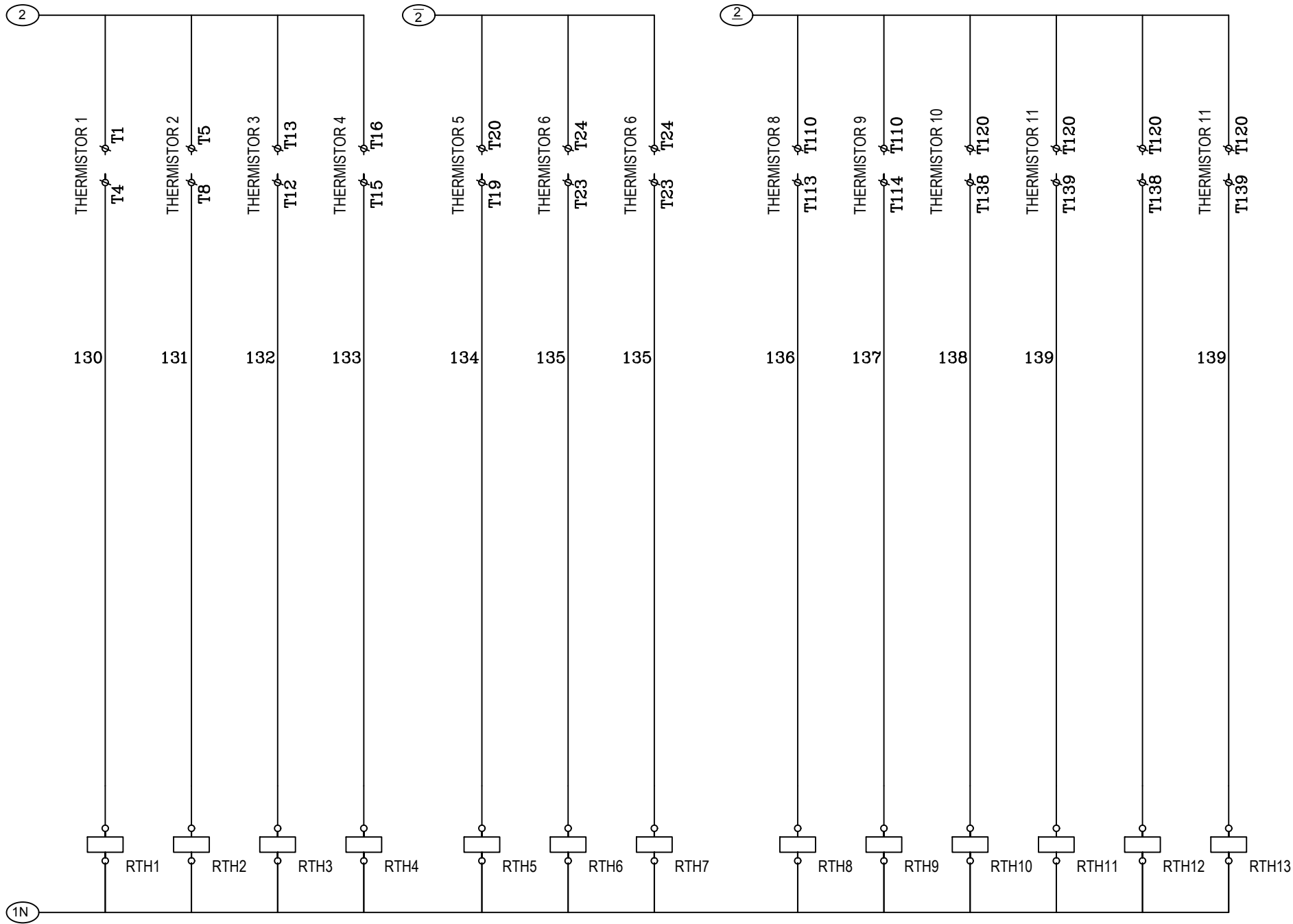
SEWERAGE TREATMENT PROJECT IN INNAMADHOO, MALDIVES



DRAWING TITLE

SEWER TREATMENT PLANT CONTROL PANEL SINGLE LINE
CONTROL DIAGRAM - 4

DESIGNED	NAYAKE WANNIGAMA	SCALE	1:100	
DRAWN	ROSHAN PERERA	DATE	25 / 04 / 2017	
CHECKED	P.W. THILAKARATHNE	DRAWING NUMBER	IN/CP/E/005	A3



PROJECT

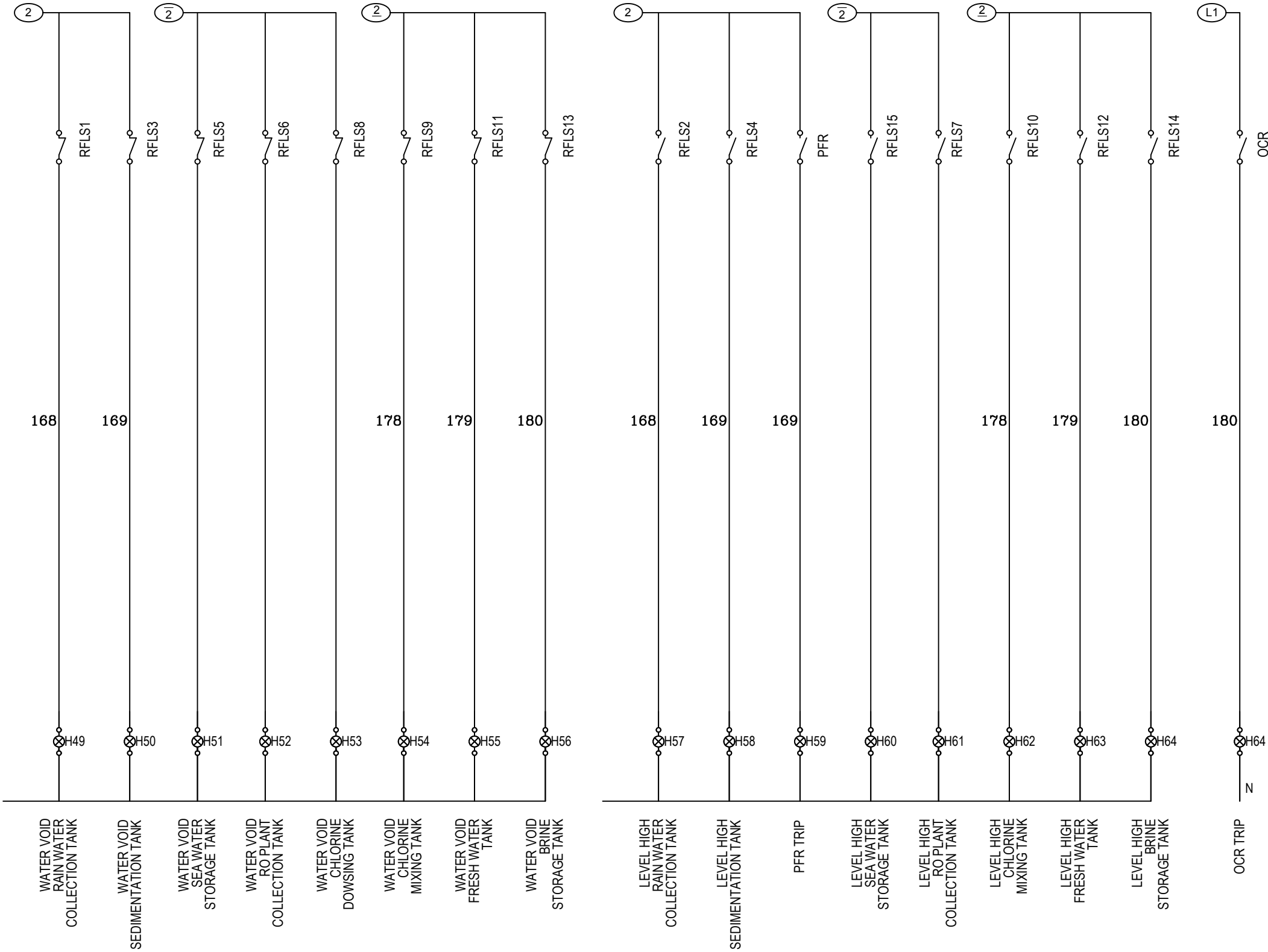
SEWERAGE TREATMENT PROJECT IN INNAMADHOO, MALDIVES



DRAWING TITLE

SEWER TREATMENT PLANT CONTROL PANEL SINGLE LINE
CONTROL DIAGRAM - 5

DESIGNED	NAYAKE WANNIGAMA	SCALE	1:100	
DRAWN	ROSHAN PERERA	DATE	25 / 04 / 2017	
CHECKED	P.W. THILAKARATHNE	DRAWING NUMBER	IN/CP/E/006	A3



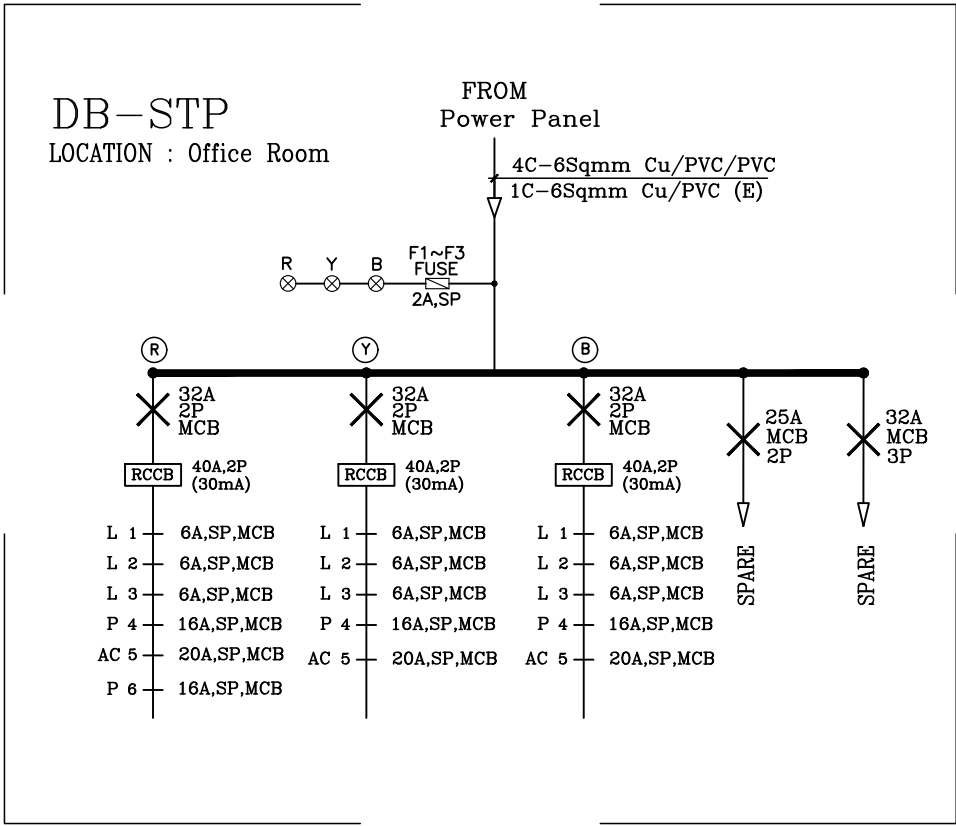
PROJECT

SEWERAGE TREATMENT PROJECT IN INNAMADHOO, MALDIVES



DRAWING TITLE
**SEWER TREATMENT PLANT CONTROL PANEL SINGLE LINE
CONTROL DIAGRAM -6**

DESIGNED	NAYAKE WANNIGAMA	SCALE	1:100	
DRAWN	ROSHAN PERERA	DATE	25 / 04 / 2017	
CHECKED	P.W. THILAKARATHNE	DRAWING NUMBER	IN/CP/E/007	A3



PROJECT

SEWERAGE TREATMENT PROJECT IN INNAMADHOO, MALDIVES



DRAWING TITLE

CONTROL BUILDING DISTRIBUTION BOARD

DESIGNED

WANNIGAMA

SCALE

NTS

DRAWN

ERANDA

DATE

25 / 04 / 2017

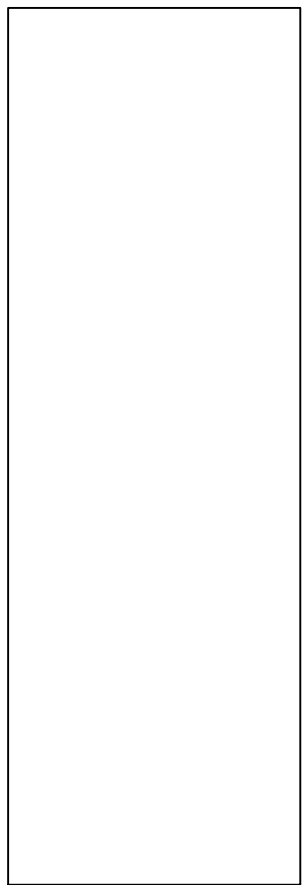
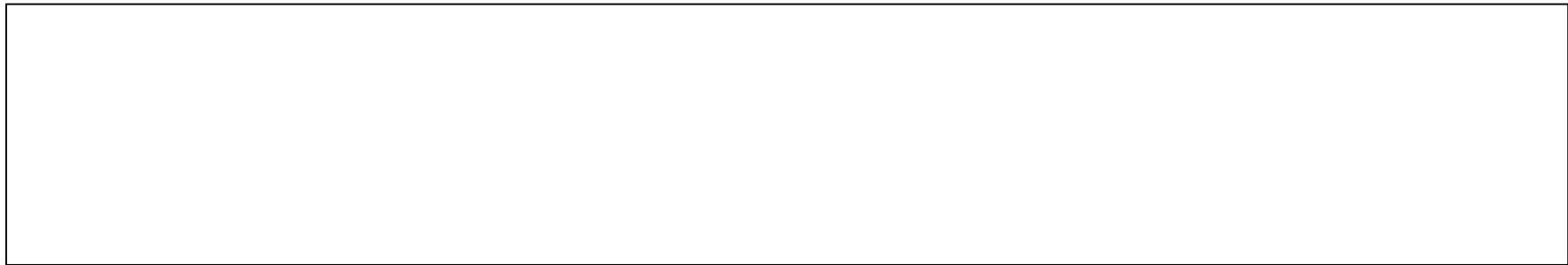
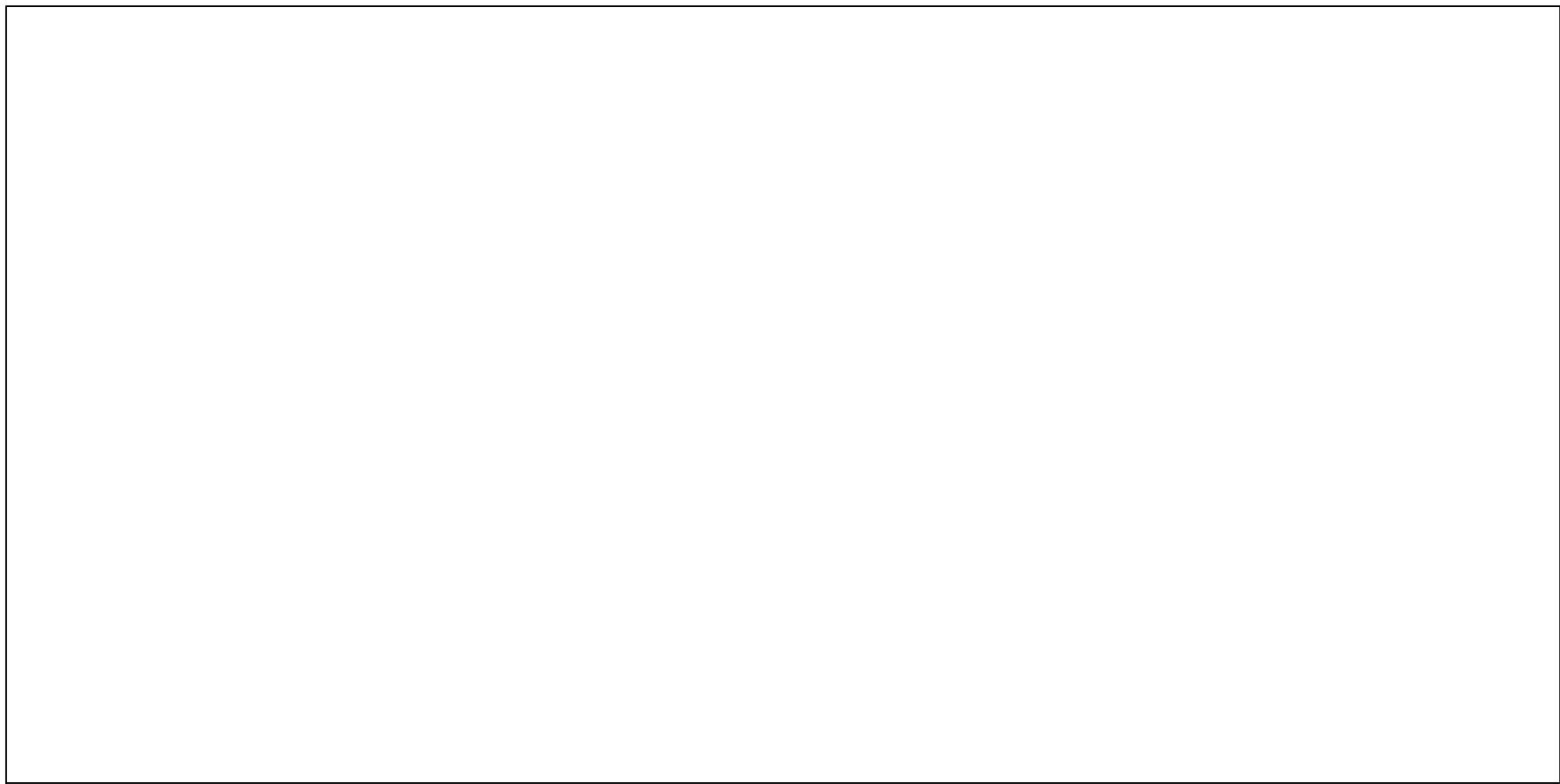
CHECKED

THILAKARATHNE

DRAWING
NUMBER


IN/CB/E/002

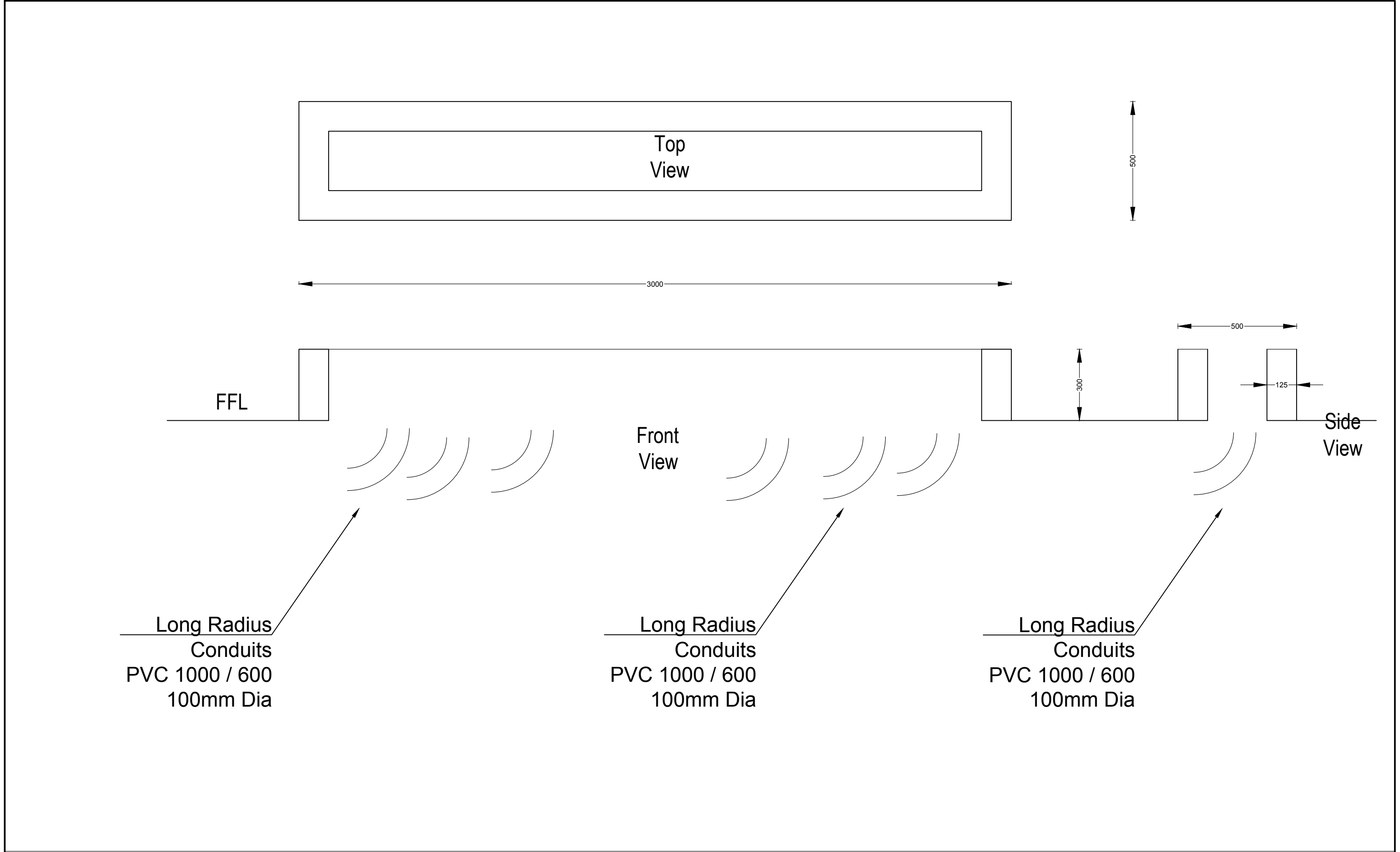
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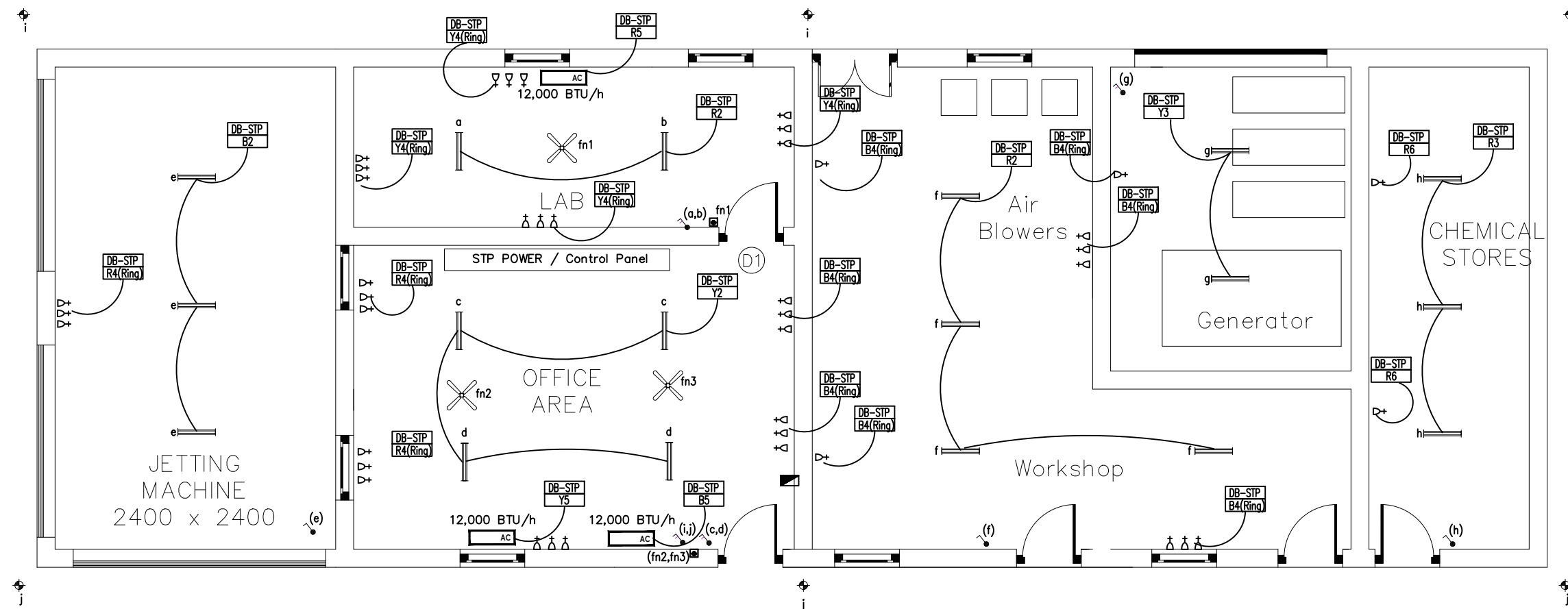
Enclosure

- 1. H x W x D 1500 x 3000 x 500
- 2. 316 Stainless Steel / GRP
- 3. IP64 (Indoor)

PROJECT		SEWERAGE TREATMENT PROJECT IN INNAMADHOO, MALDIVES						
		DRAWING TITLE SEWER TREATMENT PLANT PUMP CONTROL PANEL TYPE AND SIZE DETAIL	DESIGNED	WANNIGAMA	SCALE	NTS		
			DRAWN	ERANDA	DATE	25 / 04 / 2017		
			CHECKED	THILAKARATHNE	DRAWING NUMBER	IN/CP/E/009	A3	



PROJECT									
SEWERAGE TREATMENT PROJECT IN INNAMADHOO, MALDIVES									
		DRAWING TITLE SEWER TREATMENT PLANT PUMP CONTROL PANEL PLINTH DETAIL	DESIGNED	WANNIGAMA	SCALE	NTS			
			DRAWN	ERANDA	DATE	25 / 04 / 2017			
			CHECKED	THILAKARATHNE	DRAWING NUMBER	IN/CP/E/010	A3		



LEGEND	
SYMBOL	DESCRIPTION
	DISTRIBUTION BOARD
	13A SOCKET OUTLET
	ONE WAY SWITCH
	PENDANT DECO LIGHTING (OUT DOOR)
	FAN REGULATOR
	T8 FLUORESCENT LIGHT FITTING
	CEILING FAN

PROJECT		SEWERAGE TREATMENT PROJECT IN INNAMADHOO, MALDIVES						
		DRAWING TITLE	CONTROL BUILDING POWER DETAIL	DESIGNED	WANNIGAMA	SCALE	NTS	
				DRAWN	ERANDA	DATE	25 / 04 / 2017	
				CHECKED	THILAKARATHNE	DRAWING NUMBER	IN/CB/E/001	A3